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INDEX OF ARMY MOTION PICTURES FILM STRIPS SLIDES AND PHONO-RECORDINGS

HEADQUARTERS, DEPARTMENT OF THE ARMY
JANUARY 1959

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INDEX OF ARMY MOTION PICTURES, FILM STRIPS, SLIDES, AND PHONO-RECORDINGS

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SECTION I
INTRODUCTION

1. Purpose and Scope

This pamphlet is for the use of training instructors, I&E leaders, and other film users of the Regular Army and civilian Reserves. It lists both classified and unclassified approved Department of the Army motion picture films and film strips, and phono-recordings available for use in training and information programs.

2. Security Classification of Films

The security classification of each classified film is included in the pertinent data given in the numerical index, section III. Titles of such films, if unclassified, are followed by (U).

3. How to Locate Films

a. First Turn to Table of Contents on Pages 1 Through 4.

(1) To locate films by branch of service or other major category, refer to the category index, section II of the table of contents.

(2) If the exact release number of a film is known, refer to the numerical index, section III of the table of contents.

(3) If the exact title of the film is known, refer to the alphabetical index, section IV of the table of contents.

b. The Numerical Index Provides Complete Information on Each Film. This includes a synopsis and other pertinent data. The category index and the alphabetical index give cross-reference page numbers where the synopsis for each film can be found in the numerical index.

4. How to Borrow Films and Equipment

a. Regular Army and Reserve units must fill out DA Form 11–44 (Films and Film Strips Loan Order) to borrow films and film strips from Army film and equipment exchanges by local pickup or by mail order.

b. Regular Army and Reserve units that do not have projection equipment on hand must fill out DA Form 11–43 (Projection Equipment Loan Order) to borrow projection equipment for films and film strips from their respective Army film and equipment exchanges.

5. Army Film and Equipment Exchange Services

The following services are available:

a. Loans of film and equipment, including motion pictures, sound film strips, silent film strips, Department of the Army phono-recordings, and appropriate equipment, as required.

b. Advisory services, such as recommending appropriate films for training and information programs, proper utilization of films in training, and advising instructors on professional exhibition techniques.

c. Literature, such as film references, periodic film announcements, and special announcements on pertinent films.

d. Courses for training and licensing unit projectionists of the Regular Army and civilian Reserves.

e. Loans of films cleared for public nonprofit, television and theatrical exhibition to appropriate civilian organizations and professional groups.

f. Maintenance of Department of the Army films rescored into foreign languages for aiding foreign allied governments, for training foreign nationals, and for training in foreign languages.

6. Proper Use of Films

After selection of appropriate films for training and information programs, the film program should be carefully planned using the same steps used for other training techniques, i.e.—

a. Preparation. Preview the film to find out what is in it, using the appropriate film reference, if available. The instructor should select the key points of emphasis, the items which may be omitted or touched upon lightly, and the portions that are obsolete or require explanation. Arrange in advance for projectionist, film, and equipment. Reserve the classroom theater with ample seating capacity, effective blackout provisions, and an electrical outlet for the projector.

b. Presentation. Have proper ventilation, then introduce the film in the most effective manner that will prepare the audience to observe the film to greatest advantage. Show the film.

c. Followup Activities. Carefully planned followup activities, such as discussions, an oral or written quiz, and practical applications, as appropriate, increase the effectiveness of training films. The contents of the film and the facilities available will determine the nature of the following exercises to be used.

d. References.

(1) *Films.*

TF 11-1574—The Technique of Good Projection.

TF 11-1572—Film Tactics.

TF 21-2301 through TF 21-2306—Military Instructions. (Each film should be used individually to fit into appropriate lesson plans to teach a specific point of instruction. The series is not designed to be shown as a package.)

(2) *Manual.* FM 21-6—Techniques of Military Instruction.

SECTION II

CATEGORY INDEX

7. General

Use this index to locate films for training and information programs. It is broken down in 32 main categories (such as branches of service or other major breakdowns) and a number of subdivisions in certain of the larger categories. See table of contents on pages 1 through 4, for locating major categories and subcategories. This is the important functional index for film users. Use the numerical index, section III, only if the exact release number of a film is known and further film information is required. Use the alphabetical index, section IV, only if the exact title of a film is known.

8. ADJUTANT GENERAL (Special Services)

For synopsis see page No.

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MF 12-7944 (23 min—1953—Film Reference) 244

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TF 12-1653 (32 min—1950) 390

The Army Program System
MF 38-8554 (13 min—1955—Film Reference—Distribution in CONUS and Overseas) 277

The Army Program System—Development "Planning What to Do"
MF 38-8555 (13 min—1955—Film Reference—Distribution in CONUS and Overseas) 277

The Army Program System—Execution "Doing the Job"
MF 38-8556 (11 min—1955—Film Reference—Distribution in CONUS and Overseas) 277

The Army Program System—Review and Analysis "Checking on the Results"
MF 38-8557 (10 min—1955—Film Reference—Distribution in CONUS and Overseas) 277

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MF 20-1216 (18 min—1945—Distribution limited to ZI only) 258

Men 17 to 18½—Your Future and the New Reserve Law
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Time to Go (Selective Service)
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MF 145-7743 (18 Min—1951) 298

The Army ROTC, Learn Today, Lead Tomorrow
MF 45-7912 (24 min—1952—Color—Distribution Limited) 280

This Is Your Army
MF 45-7950 (79 min—1954—Color) 281

A Tale of 2,000 Cities
MF 45-8710 (25 min—1956) 283

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MF 20-8591 (26 min—1956) 264

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MF 20-8442 (18 min—1956—Color) 264

Man With Mission
MF 140-7800 (17 min—1950—Commercial Adaptation) 298

The Making of a West Pointer
MF 45-8521 (40 min—1955—Color—Distribution in CONUS and overseas) 282

Prepare Through Education (Recruiting)
MF 20-8421 (16 min—1955) 264

All Star Team (Recruiting)
MF 20-8420 (24 min—1955) 264

Army Residency Program (Recruiting)
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The Army Dental Service (For Recruiting Dental Personnel)
MF 12–8732 (26 min—1957—Color)—244

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MF 12–8765 (20 min—1957—Color—Distribution to CONUS AF & EES)—244

Sgt MacDuff—Salesman (Recruiting)
MF 20–8410 (19 min—1955)—263

Take 6 (National Guard Recruiting)
MF 45–8694 (11 min—1956)—282

Our Sons (Recruiting for USAR)
MF 45–8798 (36 min—1958—Color)—283

Executive Wanted (Recruitment of WAC Officers)
MF 12–8766 (24 min—1957—Color)—244

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MF 20–8442 (18 min—1956—Color)—264

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MF 20–8419 (19 min—1955—Color)—264

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MF 20–8418 (15 min—1955—Color)—263

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MF 12–8201 (27 min—1954)—244

It's Your Future
MF 12–8151 (15 min—1953)—244

Rehabilitation of Military Prisoners
TF 19–1608 (34 min—1949—Film Reference)—398

90 Day Wondering (Re-enlistment)
MF 12–8669 (9 min—1956—Color)—244

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MF 20–8714 (20 min—1956—Color)—266

To Provide for the Common Defense
GF 61–26 (17 min—1954—Color)—226

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TF 20–2561 (50 min—1958—Color)—404

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Note. See also I&E Sportsreels AFIF 200 through 228. For numerical list of these films see page 193.

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TF 12–1808 (23 min—1953—Film Reference)—391

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TF 25-350 (12 min—1942—Film Reference—From US Office of Education Film No. 5)---- 408

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TF 9–2535 (6 min—1958—Film Reference) 375

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TF 9–2549 (38 min—1958) 376

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TF 44–2175 (34 min—1958—Film is classified CONFIDENTIAL—Modified Handling Authorized) 420

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TF 44–2545 (27 min—1958—This film is classified CONFIDENTIAL—Modified Handling Authorized) 421

NIKE AJAX Battery—Orientation and Synchronization—Part III–A—Collimation of Tracking Antenna by Data Dial Method
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MF 20–8855 (23 min—1958—Color—Distribution limited to one each 16mm print to certain United States Army Service Schools and installations specified by USCONARC) 268

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MF 20–8856 (26 min—1958—Color—Distribution limited to one each 16mm print to certain United States Army Service Schools and installations specified by USCONARC) 268

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GF 33–27 (16 min—1956—Color—Film Reference) 226

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All Star Team (Recruiting)
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MF 44–8852 (13 min—1958—Color—Distribution to Army Film and Equipment Exchanges in CONUS) 279

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33. QUARTERMASTER (Food Service and Rations; Other QM Activities).

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TF 8–1476 (15 min—1948—Color—Film Reference) ---- 356

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TF 8–1576 (13 min—1950—Film Reference) 357

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TF 8–1577 (12 min—1950—Film Reference) 357

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TF 8–1578 (15 min—1950—Color—Film Reference) 357

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TF 10–1654 (10 min—1950—Film Reference) 378

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TF 10–1640 (38 min—1950—Color—Film Reference) 378

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TF 10–1870 (32 min—1954—Color—Film Reference) 378

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TF 10–1479 (23 min—1949—Film Reference) 377

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TF 10–1527 (17 min—1950—Film Reference) 377

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TF 10–1133 (20 min—1943—Film Reference) 377

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TF 10–1911 (17 min—1954—Film Reference) 378

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TF 10–2243 (14 min—1956—Film Reference) 379

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MF 10–8551 (15 min—1956) 239

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FS 8–208 (15 min—1954—Sound) 438

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FS 8–207 (7 min—1956—Color—Sound) 438

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TF 5–1898 (9 min—1954) 336

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TF 10-1614 (15 min—1950—Film Reference) 378

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MF 20–8282 (21 min—1954—Commercial Adaptation) 263

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SECTION III

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40. General

Following is a list of film series in alphabetical order with release numbers of each series in numerical sequence, e.g., Armed Forces Information Films (AFIF), Armed Forces Screen Magazines (AFSM), Campaign Reports (CR), Combat Bulletins (CB), etc. Complete information, such as the synopsis and other pertinent data, is given for each film. Use the category index, section II, to locate films for training and information programs. Use the alphabetical index, section IV, only if the exact title of the film is known.

NUMERICAL INDEX

41. Armed Forces Information Films

Armed Forces Information Films (AFIF) are intended for the information and character guidance of all personnel of the armed forces, including the civilian components.

AFIF No.

1 Discussion Technique

Methods used in conducting discussion hour—Forum, symposium, debate, panel, conference and committee methods—Informal group techniques—Stimulation of independent thinking and free interchange of ideas (29 min—1950).

2 Oversea Duty

Conditioning personnel for oversea duty—Types of problems encountered and how to deal with them—Conduct of individual soldier—Serviceman as a representative of American democracy (20 min—1950).

3 Attack in the Pacific

Naval war in the Pacific—Disaster of Pearl Harbor—Battle of Coral Sea—Battle of Midway—Eventual superiority of US naval forces—Neutralization of Japanese naval strength (50 min—1950).

4 Service Plus

Integrity as keynote of character in modern serviceman—Necessary moral qualities of a good soldier, sailor, marine, or airman (19 min—1950).

5 Communism

History of world-wide communism—How it is organized to propagate and incite revolution throughout the rest of the world—How communists in America carry out their activities—Awareness and vigilance by members of the armed forces (32 min—1950).

AFIF No.

6 Teamwork and You

Importance of teamwork in growth of this Nation—Coordination of effort of team to gain final victory (10 min—1950).

7 Serving the Nation

Military forces' activities contribute to advance of civilian health, economy, safety, transportation, communications, science, and industry—Medical developments—Air Force School of Aviation Medicine conducts tests on effects of atmospheric and pressure changes on human body—New and superior aircraft and other means of transportation—Naval research—Underwater explosion and its effect on future methods of building ships—Military uses of television for training and tactical purposes (15 min—1950).

8 Economy is Everybody's Business

Functions of the Federal Government as a management organization—Reasons for keeping the armed forces on a high level of preparedness during time of peace—Magnitude of national expenditures—Problem of balancing military necessities and the economic capacity (19 min—1950).

9 Armed Forces of the USA

Mission of armed forces—Civilian control of services, showing diagrammatically how authority emanates from the President as Commander in Chief—Victory attained only by combined efforts (22 min—1950).

10 Productivity—Key to Plenty

Analysis of American production and consumption cycle—Growth of industrial and agricultural productivity—How increased production brings increased buying power and extra leisure for the working man—American per capita income (20 min—1950).

12 Preparedness and National Security

Pacifism and disarmament following WW I—Unpreparedness at start of WW II—Necessity for preparing defense before possible future attack—Preparedness measures—Active participation in UN—National Security Act of 1947—Central Intelligence Agency—Research and Development Board—National Security Resources Board—Coordinating state civil defenses (22 min—1951).

13 Standards of a Serviceman

Discipline and teamwork—Military code—Methods used to instill discipline (12 min—1951).

14 My Country 'Tis of Thee

Highlights of American history, emphasizing the need for preserving the American heritage of freedom (21 min—1951—Color—Commercial Adaptation).

15 Payday Pitfalls

Series of still cartoons with sound track accompaniment showing various methods employed to fleece soldiers on payday (13 min—1951).

17 Why Korea

Threatened political and social freedoms—Countering militant forces of world communism with force (30 min—1951—Commercial Adaptation—Printing discontinued).

AFIF No.

18 Evaluating a Nation

Evaluation of nations in terms of national and global power—Standards by which weakness and strength of nations are measured—Czechoslovakia—The MacKinder concept of the World Island—Nazi doctrine of geopolitics—Modern polar conception of geography—Necessity for sending American troops to western Europe (19 min—1951).

19 Fighting Words

Techniques and objectives of psychological warfare—Effective uses of propaganda in the termination of conflicts between nations (23 min—1951).

21 Face-to-face with Communism

Seizure of American town by populace in the manner of the communists to illustrate what could happen in USA (26 min—1951).

22 Letter to a Rebel

Advantages of American system of free enterprise (17 min—1951—Commercial Adaptation).

23 Dangerous War Trophies

War trophy safety committees and the Alcohol and Tax Division of the Treasury Department inspect, de-activate, and register war trophies—Two-fold responsibility of trophy holder in preventing accidents and transfer of these weapons to the underworld (12 min—1953).

24 Keeping Informed

Importance of freedom of thought (12 min—1951).

25 A Free People

The story of our country and the people who helped achieve its greatness—Our precious legacy, the ideal of freedom for everybody (23 min—1952).

27 Strategic Iran

The geography, terrain, government, past and present cultures, economics, and politics of Iran, the crossroads of the East (14 min—1952).

28 This is Great Britain

Contrasting the England of yesteryear, rich in heritage and the love of pageantry, with the England of today, gamely fighting for industrial and general economic recovery (15 min—1952—Commercial Adaptation).

29 Portugal

Highlights in the country's history and present-day conditions—Strategic importance to NATO countries (14 min—1952).

30 Formosa

Highlights of Formosa's historical background, current social, economic, and military status—Strategic significance in world affairs—Refuge of Nationalist Chinese forces since WW II—Physical, industrial, and agricultural restoration and development through UNRRA and US assistance—American military aid since Korean war to resist communist threat of invasion (13 min—1952).

31 Turkey—The land of In-between

A country of contrasts where East meets West and North meets South—Lying across the trade routes of the world, the Republic of Turkey is vitally

AFIF No.

significant in the political scheme and a powerful ally in the North Atlantic Treaty Organization (17 min—1952).

32 Spain

Geography, cultural and political history, government, social and economic structure, and strategic significance of Spain in Europe's complex political picture—Our alliance with Spain is a necessity and an asset militarily because of her geographic location and her intense anticommunistic conviction (10 min—1953).

33 Brazil

Report of a vast, though underpopulated frontier-type nation, rich with natural resources and yet unexplored natural wealth—Advances wrought through current industrialization program (15 min—1953).

34 Yugoslavia

Geography, people, political history, government, economic structure, and importance of communistic Yugoslavia in stemming the tide of Russian communism in the Mediterranean area—Formerly the agricultural supply line for Russia—Yugoslavia renounced Soviet domination in 1948 and since has been receiving US aid (11 min—1953).

35 How to Get Along in French Morocco

Morocco, because of its geographic location, is the strategic gateway to the Mediterranean Sea—Constant traget for communist aggression—For military reasons, US maintains naval forces and airfields—Every military man stationed in Morocco is an individual ambassador of this country (23 min—1953).

36 1952 Olympic Games

A pictorial report of the 15th modern Olympiad held in Helsinki, Finland—Athletes from 67 countries participate in sports competitions (29 min—1953).

37 Korea and Communism in the Pacific

James A Michener, author, as guest panelist discusses such topics as: improving propaganda program in Korea; danger of losing Asia to communism; use of Chinese Nationalists in Korea; use of atomic bomb in Korea; Korean economic recovery, and evaluation of peace talks (32 min—1953—Commercial Adaptation).

38 Years of Crisis

An interview conducted by Edward R. Murrow with correspondents whose duty stations are in areas around the world—Topics discussed include American-European relationships, Japanese trade, France's attitude toward NATO, Germany's potential strength, Russia's intentions, and the menace of communism to world peace (36 min—1953).

39 President Eisenhower's State of the Union Message

President Eisenhower's first State of the Union message defines major policies on foreign and domestic matters to the 83d Congress (63 min—1953—Commercial Adaptation).

40 How to Get Along in France

French family life, customs, government, and politics depicted and explained to American service personnel that they may better understand the land and people where they may be stationed (27 min—1953).

AFIF No.

41 About Rumors

An analysis of the problem of rumors—Characteristics—How created and spread—Effects on both individuals and national security—How to detect and combat rumors—Individual responsibility to fight enemy rumors (14 min—1953—Color).

42 Australia

Geography, government, economy, industries, social customs, and traditions of Australia including her historical development and current role in world affairs (12 min—1953).

43 Canada

A pictorial study of Canada's geography, early history, current life, industries, economy, government, and present role in world affairs (18 min—1953).

44 How to Get Along in a Foreign Country

Provides valuable information for Americans abroad, especially service personnel stationed in foreign lands, in the counteracting of communist efforts to discredit America (16 min—1953).

45 Decision at Williamsburg

The decision at Williamsburg, Virginia, on May 15, 1776, prompted the new and independent nation, the USA—Prelude to the independence period—Causes and events of the American Revolution—Signing the Declaration of Independence (20 min—1953—Color).

46 The Hoaxters

Techniques used by Hitler, Mussolini, Tojo, and Stalin in their efforts to dominate the world—Current threats to peace of world by communists (38 min—1953—Commercial Adaptation).

47 Your Money and Prices

Causes of inflation analyzed—Discussion of various stages of American economy from 1938 to 1953—Relationship of nation's available money and material wealth (22 min—1953—Color—Commercial Adaptation).

48 The Philippines

The Philippine Islands—Geography, political history, people, religions, industries, government, activities in WW II, and current role in world affairs—Evidence of centuries of Spanish rule—American influence on language, schools, military, and economy—Rehabilitation and reconstruction since WW II (15 min—1953).

50 Armed Forces Forum—George F. Kennan Discusses Communism

Mr. Kennan, a former ambassador to Russia, discusses international communism with a group of enlisted personnel (43 min—1953).

52 Norway—Denmark

Geography, historical background, and current social, economic, and political status of both countries—Stress on role in world affairs (19 min—1954—*Not* authorized for public exhibition).

53 Austria

Historical background, current social, economic, and political status, and strategic significance of Austria in cold war against international communism—US military and economic aid (17 min—1954).

AFIF No.

54 The Benelux Countries

Historical background, current social, economic, and military status of the countries which comprise Benelux, Belgium, the Netherlands, and Luxemburg (22 min—1954).

55 Greece

Study of modern Greece—Political, economic, technical, and military development with US aid—Role as a member of NATO (18 min—1955).

56 You in Great Britain

Highlights of cultural and political history of Great Britain—Customs and qualities of the British people—Strategic significance for the prevention of further spread of communism in Western Europe (34 min—1955).

58 India

Although India is 5,000 years old it is a new country democracy-wise—India's strategic location on the continent of Asia places her in a position of potential political prominence (19 min—1954).

59 Alaska

Historical background, social, economic, and military status—Extensive development by armed forces' activity—Strategic significance due to proximity of Soviet land masses and polar air routes—Military tests, exercises, and maneuvers (21 min—1954).

60 Panama

Historical background and current social, economic, and military status—Function and welfare of US Armed Forces stationed in Canal Zone—Strategic significance to the US and to the defense of the Americas (19 min—1955).

62 Operation Ivy

Detonation of "Mike," first hydrogen bomb, on test island of Eniwetok Atoll—Various phases of test illustrate efforts and responsibilities of Army, Navy, and Air Force task groups and scientific groups—Effects of blast observed from helicopters operated by radiological safety monitors—Fireball superimposed over maps of New York and Washington, D. C., to show areas of light damage, moderate damage, severe damage, and total annihilation (28 min—1954—Color—From Air Force Special Weapons Project AFSWP 21–4–52).

63 The Price of Liberty

Documented role of women in the preservation of our liberty from the Revolutionary period to the post-Korean conflict (11 min—1954).

65 Iceland

Historical background, and current social, economic, and political status—Strategic significance in Western defense plans—Member of UN, signatory of NATO—US Forces in Iceland (23 min—1954).

67 You in Germany

Role of American serviceman in Germany—Importance of mutual understanding and respect between serviceman and German people (31 min—1955—withdrawn from all types of public exhibition).

AFIF No.

70 Headquarters USA

A pictorial tour of Washington, D.C., highlighting past and present symbols of the greatness of America—Tour covers various official business buildings; the White House; the Capitol; Washington, Jefferson, and Lincoln memorials; National Archives; and the Tomb of the Unknown Soldier (30 min—1955).

71 Brief on Italy

Italy's great past, nature of her people, and present mode of life explained to American serviceman so that he may better understand the land and people—Importance of friendly, respectful behavior for good Italian-American relations—Role as a participant in the Western Alliance for the Defense of freedom (27 min—1955).

74 Workshop for Peace

Pictorial tour of permanent United Nations headquarters in N.Y., highlighting the mission, organization, activities, and accomplishments of the UN body—Established in 1945, the UN consists of 60 member nations (30 min—1955).

75 The Communist Weapon of Allure

Dr. Warren B. Walsh, Professor at Syracuse University, explains how Communist persuasion is designed to appeal to the basic human hungers (36 min—1956).

76 Communist Blueprint for Conquest

Mr. Boris H. Klosson, Department of State, explains the methods and techniques used by the Communist Party to seize power in a country (33 min—1956).

77 In Honor of Liberty

A documentary on the Statue of Liberty—Stress on the greatness of its symbolism—That men shall be free (19 min—1957).

78 You in Japan

Aimed at servicemen stationed in Japan—A study of Japan's political, economic, social, religious, and military aspects (20 min—1956).

79 Your Congressman at Work (Man on the Hill)

Responsibilities of a "typical" Member of Congress—Relation of Department of Defense to Congress—Importance of voting intelligently (20 min—1956—Color).

81 Morning Coffee with Dorothy Thompson

Miss Thompson explains to a group of service wives how the behavior of Americans abroad relates to the support of the U. S. Foreign policy (27 min—1957).

82 This is France

Reporter interviews French citizens to gain knowledge of French history, ethnology, government, political ideology, industry, agriculture, social customs and religion, and relation with United States in world affairs (27 min—1958).

AFIF No.

83 The Battle of Gettysburg

Historical events and strategy of the Battle of Gettysburg presented against background of scenes at Gettysburg National Military Park (30 min—1957—Color—Commercial Adaptation).

200 I&E Sportsreel

Highlights major sports events of 1955—"Baseball World Series"—"Tennis Thrills"—"Battling the Bulls"—"Folding the Bulls in Spain"—"AAU Diving and Swimming"—"Strong Men Behind the Iron Curtain"—"Pitt Late Drive Whips California"—"Women Wrestlers"—"Swaps vs Nashua" (34 min—1955).

201 I&E Sportsreel

"Football Upset of the Season"—"Modern Pentathlon"—"Irish Upset in Last Game"—"Iron Curtain Thriller"—"Canine Caddy"—"Campbell Sets Speed Record"—"Sports Spectacular—Army vs Navy"—(35 min 1956).

202 I&E Sportsreel

"Golden Gloves," "Basketball–Slightly Fishy," "Winter Sports on Snow and Ice," "The Big Streaks," "Fish Plentiful in Panama Bay," "Winter Olympics 1956" (33 min—1956).

203 I&E Sportsreel

Ski jumping—Speed bike classic—Golf—Children's boxing tournament—Track meets—Soccer—Deep sea fishing—Bowling—Baseball (30 min—1956).

204 I&E Sportsreel

"Landy Loses and Wins"—"Indianapolis 500"—"Modern Atlas Sets Records"—"Olympic Acrobats"—"Bike Jockeys Go All Out"—"Little Leaguers Get Big Start"—"Junior Cowboys Ride Them Rough"—"Big Winners on the Turf"—"College Oarsmen Photo Finish"—"Jolly Roger Flying High"—Animated sequences on US laws (31 min—1956).

205 I&E Sportsreel

"Olympic Trials," "The Lighter Side," "U. S. Open," "Ride 'Em Cowboy," and "All-Star Game"—Animated sequence defines the fights and responsibilities of freedom (21 min—1956).

206 I&E Sportsreel

Includes: "Army Runners Smash Records," "Boats Fly–No Kidding," "Model Planes," "Antique Cars Still Roll," "AAU Swimming and Diving," "Hambletonian," "Roaring Redlegs"—An animated sequence is included on freedom of thought (21 min—1956).

207 I&E Sportsreel

Includes: "National Tennis," "Olympic Women," "King Football Takes Over," "Sport Flashes" and "Gold Cup Powerboats"—Animated sequence on the importance of discipline and honorable behavior in both military and civilian life (21 min—1956).

208 I&E Sportsreel

Includes: "Air Force Grid Debut," "Inter-service Boxing," "World Series"—Animated sequence on the relationship of good discipline to a successful military career (20 min—1956).

AFIF No.

209 I&E Sportsreel

Includes: "Football"—highlights of seven games; "Sport Flashes"—tandem motorbike, roller ski race, and speedboat races—"Olympic Preview"—16th Olympiad (20 min—1956).

210 I&E Sportsreel

Includes: "Army-Navy Game special," "Redskins vs Giants," "Pre-Olympics" (20 min—1956).

211 I&E Sportsreel

Includes: "Football Bowls," "A Dog's Life," "Barrel Jump," "Handball," "Cowboys Buffaloed," and "Lady (?) Wrestlers" (20 min—1957).

212 I&E Sportsreel

Includes: "Court Kings," "Crack-Up," "Hot Heads on Ice," "Golden Gloves," "4-minute Man?" "Handball," and "Winter Sports" (20 min—1957).

213 I&E Sportsreel

Includes: "Winter Sports on Snow and Ice," "Service Sluggers," "Soldiers on Skis," "Winter Perils," and "Ladies of the Courts" (20 min—1957).

214 A Special Edition of I&E Sportsreel—The 1956 Olympics

A pictorial review of the 16th Olympiad held in Melbourne, Australia—Opening ceremonies, major events, and closing of the Olympics (31 min—1957).

215 I&E Sportsreel

Includes: "Court Kings," "Masters' Golf," "Moppet Maulers," "Six-Day Bikes," "College Acrobats," and "Stanley Cup Hockey" (21 min—1957).

216 I&E Sportsreel

"Modern Pentathlon," "Kentucky Derby," "Soccer Cup Final," "Boston Marathon," and "Diamond Dust" (24 min—1957).

217 I&E Sportsreel

"World Record Pole Vault," "A Dog's Life," "Wimbledon Tennis," "Heel and Toe," "U. S. Open," "Pennant Fever," and "All-Star Game" (20 min—1957).

218 I&E Sportsreel

Includes: "Mile Record Falls Again," "Tennis Thrills," "Army Star Wins Diving," "Thumping Theodore," "Baseball Old Timers," and "Modern Pentathlon" (21 min—1957).

219 I&E Sportsreel

Includes: "National Tennis," "Boys' Baseball," "Inter-Service Gold," "All-Navy Softball," "National Shoot," "Hambletonian," "Manhattan Marathon," and "AAU Divers" (20 min—1957).

220 I&E Sportsreel

Includes: Football–Army vs Notre Dame, Navy vs Boston College, Air Force Academy vs George Washington University; Farewell to Giants–1957 World Series (21 min—1957).

AFIF No.

221 I&E Sportsreel

Includes: "Campbell Sets Speed Record," "Japan's Big Sport Week," "Japan's World Series," "Climax on the Turf," and "Football Highlights" (20 min—1958).

222 I&E Sportsreel

Highlights of Army-Navy football game (1957) played in Philadelphia—Navy wins 14–0—Pre-season football training, pre-game rally activities, and earlier games of the season are covered (22 min—1958).

223 I&E Sportsreel

Includes: "Lions Win Pro Title," "Mat Mugs," "Tar Heels Halted," "Brown KO's Lopes," "Football Bowls: Rose, Sugar, Orange and Cotton Bowls" (20 min—1958).

224 I&E Sportsreel

Includes: "Golden Gloves," "All-American Basketeers," "Wrong Way King Pins," "Bad Break for Campy," and "Winter Sports: National Speed Skating Championship and International Dog Sled Derby" (20 min—1958).

225 I&E Sportsreel

Includes: "Baseball in the Air: Major league ball clubs in Spring training; interviews with managers of American League," "National League: Interviews with managers of National League clubs," "The Boys From Planet ϕ," and "Meet Silky Sullivan" (20 min—1958).

226 I&E Sportsreel

Includes: "Last Ski Jump," "Bowling," "Moppet Maulers," "Masters' Golf," "The Boys From Planet ϕ," "Indoor Sports," and "Baseball" (21 min—1958).

227 I&E Sportsreel

Includes: "Kentucky Derby," "Service Sports," "Russian Strong Men," "Pen Relays," "Buzz Bikes Run Wild," "Stan the Man," and an animated sequence stressing importance of serviceman's vote (20 min—1958).

228 I&E Sportsreel

Includes: "Crack Up in '500'," "Meeting of Milers," "Heavy Seas for Yachts," "The Boys From Planet ϕ," "Tim Tam Beaten," "Baseball"—the Junior Miss Little League of New Jersey, "Bike Racing," and "Open Golf" (21 min—1958).

42. Armed Forces Screen Magazines

The films in this series are short sequences of varied and timely topics of interest. They are especially designed to enlarge the soldier's perspective of WW II, the Korean conflict, and events and new developments of interest to the military. The series consists of Army-Navy Screen Magazines (ANSM), issues No. 32, 46, 53, 55, 62, 68, 74, 75, 78, 81 through 86; Armed Forces Screen Reports (AFSR), issues No. 87 through 99, 101, 106 through 109, 114, 117, 120 through 140; Report to the Armed Forces (RTAF), issues No.

141 through 150; Armed Forces Screen Magazines (AFSM), issues No. 501 through 560.

ANSM No.

32 **Invasion of Normandy** (Message from Lt Gen Joseph T McNarney) (19 min—1944).

46 **Brought to Action; Sea Battle** (Naval story of the second Battle of the Philippine Sea) (22 min—1945).

53 **Anniversary Issue** (History of Army-Navy Screen Magazine) (21 min—1945).

55 **The Answer is Nuts; Bastogne** (Action features 101st Airborne)—Strictly GI; By Request (Scenes from home, around the country) (20 min—1945).

62 **The Fleet That Came to Stay** (The Navy at Okinawa) (19 min—1945—From Navy Film MN 5802).

68 **Surrender in the Pacific** (Signing of surrender terms aboard the U.S.S. Missouri) (19 min—1945).

74 **Tale of Two Cities** (Atomic bombing of Hiroshima and Nagasaki) (14 min—1946).

75 **Seeds of Destiny** (Famine in Europe) (20 min—1946).

78 **Day of Victory** (V–J day and events leading to conclusion of WWII) (17 min—1946).

81 **Pigskin Stuff** (Highlights of outstanding 1946 football games)—White Safari (Story of Canadian Army's arctic expedition) (21 min—1946).

82 **Rain or Shine** (Story of weather predictions)—GI Quiz No. 3 (19 min—1947).

83 **Last Down** (Football Highlights, 1946) (17 min—1947).

84 **Seeing Things** (Army travelogue) (21 min—1947).

85 **Antarctic Expedition** (Admiral Byrd) (19 min—1947).

86 **Atomic Power** (18 min—1947)—Commercial Adaptation.

AFSR No.

87 Zipper Fleet (Navy ships put in moth balls)—GI Quiz No. 4 (19 min—1944).

88 Food for Thought (Army food conservation)—No Place Like Home (Army home and community life) (16 min—1947).

89 Officers' School; US Army (Training potential military leaders) (21 min—1948).

90 Jump (Short version of TF 31–1471—Basic airborne training)—Forgotten Islands (Up-to-date views of WW II island bases in the Pacific) (19 min—1948).

91 National Defense (preparing for security)—Enough Rope (Mountain climbing) (19 min—1948).

92 Task Force Frigid (Personnel and equipment tests in severely cold climate)—V–2 Rocket (V–2 rocket tests at White Sands Proving Grounds) (18 min—1948).

AFSR No.

93 Pacific Pathways (Pacific islands used by US in WW II) (20 min—1948).

94 Korea Today (Rehabilitation progress effected by American occupation) (19 min—1948).

95 Arctic Igloo (Construction and value of the igloo)—Something About A Soldier (Behavior and appearance) (18 min—1948).

96 Best by Test (Army food and clothing) (21 min—1948).

97 Problems of Peace in Europe (Postwar political, economic, and social problems) (20 min—1948).

98 General Pershing (Life story)—ROTC at Work (Army summer training) (21 min—1948).

99 Higher and Faster (Rapid improvement of aircraft) (19 min—1948).

101 Problems of Peace in Asia (Political and economic problems and their effects upon world peace) (21 min—1948).

106 Women in the Service (Accomplishment, traditions, and heroism of servicewomen) (17 min—1949).

107 Our American Heritage (Constitution and Bill of Rights)—(21 min—1949).

108 The Reserve Team (National Guard, National Air Guard, Officers' Reserve Corps, Air Reserve Corps, and Reserve Officers' Training Corps) (20 min—1949).

109 Problems of Peace in the Americas (Advantages of political and economic reconciliation in western hemisphere) (19 min—1949).

114 Research and Development (Improving standard items of arms and materiel) (22 min—1940).

117 Frontier Days (Pioneers of our nation) (17 min—1950).

120 Army Sports (Army Sports program)—Operation Portex (Exercise to test the possibility of recapturing the Caribbean island of Vieques from an aggressor) (21 min—1950).

121 Our Stand in Korea (Inception of Korean campaign) (19 min—1950).

122 Puerto Rico (Industrial development with help of armed forces) (17 min—1950).

123 The United Nations and World Disputes (Story of UN) (21 min—1950).

124 Recreation and Athletics in the Navy (Navy's physical training program—Germany (Western Germany under allied occupation and with Marshall Plan aid) (19 min—1950).

125 The Crime of Korea (Korean Red atrocities) (12 min—1950).

127 US Forces in Europe (Rehabilitation of German people in US zone contrasted with those in Russian zone) (17 min—1951).

128 Self Preservation in Atomic Bomb Attack (Individual safety measures in A-bomb attacks under different conditions) (18 min—1951).

129 Weather—Friend or Foe (Intelligent use of data as means of facilitating efficient execution of military operations—Air Force and Navy weather

AFSR No.

services cooperate with US Weather Bureau in compiling and evaluating weather data) (22 min—1951).

130 Defense of the Western Hemisphere (Natural regional entity of North and South America in world affairs—Cooperative community in peace and war—Organization of American states, Treaty of Rio, and Bogota Charter—Inter-American Defense Board—Military assistance provided by US military missions, and agreements on standardization of military doctrines and equipment) (18 min—1951).

131 The Soviet Union and Its People (Geographical features—Climate—History—Industry—Transportation—Culture—Political organization—Vastness and variety of country—Complex treatment of inhabitants) (19 min—1951).

132 Japan (Introduction to country and people) (13 min—1951).

133 Italy (Roman empire and modern Italy)—Air Force Firepower (Bombing and strafing techniques) (19 min—1949).

134 Blood and Bullets (Desperate need for whole blood in Korea—Combat scenes of actual blood transfusions in Korea—Ease with which it is possible to donate blood) (14 min—1951).

135 Independence Day 175th Anniversary (Rededication to principles and ideals of Declaration of Independence)—Aerobees (Operation of armed forces rocket missile) (13 min—1951).

136 Soldiers of Freedom (Soldiers from other countries attend The Infantry School at Fort Benning, Georgia, under MDAP) (21 min—1951).

137 The Return of the Zipper Fleet (Reactivation of WW II moth-balled vessels) (17 min—1952).

138 Operation Camid VI (Joint training of West Point cadets and Annapolis midshipmen in technique of amphibious operations conducted with the help of veteran Marine Corps units—Mock landing against hostile force on Virginia coast below Little Creek)—The Navy and Science (Navy research to combat disease; more efficient means of production; more economical powerplants; (better weapons of every sort) (20 min—1952).

139 Military Use of the Helicopter (Versatility of helicopter—Use for liaison, observation, and reconnaissance, rescue at sea, and ability to salvage usable equipment wrecked near the front lines) (14 min—1952).

140 NATO, Action for Defense (Demonstrating purpose of SHAPE, the operational organization for NATO—Building invincible combined armed forces for defense of Europe against Soviet threat of war) (20 min—1952).

RTAF No.

141 Role of the Cameraman

Visual documentation of WW's I and II and Korea showing photography as a weapon—Tactical and strategic planning—Photography serves intelligence, reconnaissance, identification, evaluation, training, information, and historical purposes (12 min—1952).

142 Japan Logistical Command

Highlighting main operations of JLC—Program of reclamation and rebuilding, using war surplus and battlefield salvage; hydroponic farming; processing of casual replacements; evacuation of casualties; and the com-

RTAF No.

missary train—How JLC met the critical shortages in train—How JLC met the critical shortages in arms and equipment early in Korean war—Wide use of indigenous labor and facilities—Cost savings (19 min—1952).

143 Report on Aberdeen Proving Ground

The tests and experiments conducted on our fighting weapons (19 min—1952).

144 This is Lakehurst

A pictorial tour of the Naval Air Station at Lakehurst showing these activities in addition to naval training, development, and operation; schools for aerographer's mate, parachute rigger, lighter-than-air pilot, lighter-than-air nonpilot, helicopter squadron two, airship squadron three, and the overhaul and repair shops (17 min—1952).

145 Strategic Air Command

A brief pictorial outline of the purpose and operation of strategic air command—Routine practice bombing runs (20 min—1953).

146 Pilots for NATO

This film follows air cadets from NATO nations through the combat pilot training activities at American airbases—Courses include instruction in "blind flying," "instrument flying," and mastery of high speed jet fighters (20 min—1953).

147 Atom Atoll

Official report of atomic bomb tests conducted by joint task force on Eniwetok Atoll employing 8,500 persons—Preparations—Waiting period—Blast—Use of pilotless, drone, and jet planes (16 min—1953).

148 Arctic Rampart

Showing construction of the large airbase at Thule, Greenland, 900 miles from the North Pole—This biggest peacetime construction project, built with the permission of the Danish government, is the result of the combined efforts of US armed forces and private construction companies—Airbase serves heavy bombers and jet fighters on a year-round basis and is the most northerly and strategically located arm of allied defense (15 min—1953).

149 Wright-Patterson Air Force Base

Accomplishments of the Air Materiel Command and Wright Air Development Center—Research and development laboratories—How Wright-Patterson achieved technical air supremacy for US (19 min—1953).

150 Follow Me

How the Infantry School at Fort Benning, Georgia, conditions and trains men for military leadership (20 min—1953).

AFSM No.

501 **Army Turns on Heat**—Story of an improvised flamethrower used in Korea.

Rhine River Patrol—Brief study of NATO control of river traffic on Germany's greatest inland waterway.

What's New in the Air—(1) Ribbon parachute, a light parachute that absorbs shocks; (2) Tandem floating landing gear for use of light planes on rough fields.

AFSM No.

Hospital Ship Gets 'Copter Decks—New decks for helicopter landing on hospital ships.

Flying Haymaker—Assembly and operation of the Tarzan guided weapon plane, showing its pinpoint accuracy.

Ski Thrills—Pictorial report of Army ski meets in Germany and Japan (17 min—1952).

502 **What's New in the Service**—The Patton 48 tank is put through its paces.

Tough Talks from USS Wisconsin—Cameraman views a battlewagon in combat.

Olympic Tryouts—Pre-Olympic elimination contests for servicemen.

It's a Man's Life—Humorous treatment of what a dog would likely think about while being trained for scouting (21 min—1952).

503 **What's New in the Service.**—Demonstrating (1) Practical application in Korea of body armor; (2) A lightweight rifle being tested for general use.

Sierra Wave—Air Force and Navy tests of soaring planes between Mount Whitney and Death Valley.

Carrier-borne 'Copter—Demonstrating a pattern of ship-to-shore attack by vertical envelopment utilizing helicopters and carriers.

Dreamboat—Reporting the maiden voyage of the diesel motor troopship that features showers, barber shops, and comfortable quarters for families accompanying servicemen overseas (13 min—1953).

504 **What's New in the Service**—(1) A Navy inventor briefly explains the principle of atomic powered submarines; (2) Tests at Aberdeen Proving Ground of a jeep.

WACS in Eucom—Depicting the daily routine of the woman soldier in Europe.

Bolling* vs *Quantico Marine—Air Force and Marine teams participate in service football league season.

Yesterday's Battleground—A glimpse of the battle-torn Pacific Islands 10 years after the war.

Super Monk—The 28-mile journey into space and the safe return of animal passengers in an Aerobee rocket (21 min—1952).

505 **What's New in the Service**—New snow removal equipment is demonstrated in the High Sierras.

Sweet Adeline—Army and Air Force versions of "Tiger Rag" and "Toidy Toid and Toid" in the National Barber Shop Quartette Contest.

The Big Wheel—Testing airmen's reaction to extreme pressures in flight by whirling the men in a huge naval centrifuge at the speed of sound.

Old Baldy—Typical front line fighting in Korea.

Football in the Service—Two midseason games, Great Lakes vs Air Force and Ft Jackson vs Air Force (22 min—1953).

506 **What's New in the Service**—The BARC, huge amphibious vehicle capable of carrying a tank and a crane.

Higher They Go—Troops learn and practice mountain climbing techniques at Ft Carson, Colorado.

Air Force OCS—Airmen and airwomen receive OCS training coeducationally at Lakeland, Florida.

Icebreaker—A Navy icebreaker on a reconnaissance mission in the Bering Sea.

Army-Navy Game—Highlights of the 1953 service game of the year (21 min—1953).

AFSM No.

507 **What's New in the Service**—Uses of the portable iron lung.

Casey GI Jones—Employees of large commercial railroads cooperate in teaching all phases of railroading to soldiers.

Iwo Memorial—Bronze tablet of flag raising at Mt Suribachi on Iwo Jima.

Kapyong School—Contributions by soldiers in Korea found a school in memory of one of their buddies who was killed in action.

Air Force Judo—Japanese masters teach airmen practical applications of judo at a Tokyo school (18 min—1953).

508 **What's New in the Service**—A meteorological weatherwind computer, the Rawin field set, collects firing data for big guns.

The B–47—Operation and maintenance of the Air Force stratojet bomber.

Korea's Children—GI's distribute clothing and candy to refugee orphans.

On Target—Glimpses of activities at Dahlgren, the Navy's testing ground for new weapons.

Gesundheit—Servicemen enjoy winter sports on a 3-day pass at Garmisch-Pertenkirchen (19 min—1953).

509 **What's New in the Service**—(1) Debut of Republic F84–F Thunderstreak fighter bomber; (2) Demonstration of a firefighting jeep for use on Navy carrier decks; (3) Helicopters set up a smokescreen in Korea using an improvised grenade dispenser.

Hospital Ship Repose—A glimpse of a floating general hospital showing the modern facilities.

Report on Formosa—Military situation on Formosa, March 1953.

Strike Up the Band—A tour of the Navy School of Music where armed forces musicians are trained (20 min—1953).

510 **What's New in the Service**—Theory and practice of Navy's Delta jet and Army's Coldbar winterproof suit.

Operation Hideout—Interview with sailors who voluntarily remained submerged for almost 2 months in the submarine U.S.S. *Haddock* for experimental purposes.

Yanks to Yokohama—A couple of soldiers from Korean front enjoy a 5-day pass in Japan (20 min—1953).

511 **Interservice Basketball**—Navy vs. Marine Corps basketball game at Omaha University.

Interservice Boxing—Army boxers victorious in service competition at the Naval Training Center, Bainbridge, Maryland (20 min—1953).

512 **B–47 Refuels in Midair**—A flying gas station refuels in midair a B–47 from MacDill Air Force Base, Tampa, Florida.

Don't Give up the Ship—Realistic training demonstration of a sinking ship at damage control center, Philadelphia Navy Yard.

Struggle Pit—Hand-to-hand combat in Signal Corps basic training course at Camp Gordon, Georgia (15 min—1953).

513 **Mighty Mite**—Demonstrating the versatility of the Mighty Mite, the Marine Corps all-purpose amphibious vehicle.

Navy Test Boat—Navy's hydrofoil boat literally flies, its thin metal blades lift the boat hull out of the water.

Flying Midgets—Report of model airplane meets at Amarillo Air Force Base, Texas, and at Tokyo, Japan.

Interservice Track Meet—Annual track and field meet, held in 1953 at Fort Jackson, S. C. (14 min—1953).

AFSM No.

514 **Two-Rotor 'Copter**—Ambulance Jeep—Bull Moose Tractor—Demonstration and description of (1) a powerful two-rotor helicopter used as a speedy but comfortable ambulance jeep, and (2) a large tractor.

Front line Daily—Origin, make-up, and service of the Army's newspaper, "Stars and Stripes."

Blue Angels—Demonstration of close formation flying by a team of Naval aerial acrobats (15 min—1953).

515 **Kangaroo Plane**—Navy Sky Rocket—Demonstrating (1) the Air Force kangaroo plane, a B-36, carrying within its body a small jet bomber, and (2) a Naval experimental rocket plane which exceeds 19 miles per minute.

Signal Corps Television—Showing Signal Corps mobile television units at work on maneuvers at West Point, emphasizing use of television in tactical operations on the battlefield.

Nautical Notes—Report of (1) Annapolis "Middies" summer cruise, and (2) assignment of Waves to ship duty for the first time.

UN headquarters—Service personnel tour UN headquarters in New York (17 min—1953).

516 **Dick Tracy Radio**—Signal Corps demonstration of a tiny experimental wrist watch radio.

Thunderbirds—Exhibition of airmen's skill in formation flying.

Taylor Model Basin—All Navy ships and aircraft are tested as models at this installation before construction is started.

Bolling* vs *Quantico—Highlights of service football game (16 min—1953).

517 **Berlin 1954**—This whole issue is devoted to the modern "Tale of Two Cities," as seen through the eyes of a soldier—The democratic Western Sector is divided from the communist East Zone by the Brandenburg Gate (19 min—1954).

518 **F-100—Stiletto Plane**—A glimpse of the X-3 experimental operational jet plane in flight.

Exhibit (A) for Army—Korean POW and other stories dramatized at Army Exhibit Unit, Cameron Station, Va.

Army-Navy Football Game—Scenes from the colorful 1953 Army-Navy football game at Municipal Stadium, Philadelphia (18 min—1954).

519 **The Old Sarge—The Delong Pier—Air Force-Navy Prototypes**—Master Sergeant Pop Tittel, 45 years of service with the Air Force—The Delong Pier, an 800-ton floating dock built by Army Engineers—The XF-88, a high speed propeller research plane—Launching aircraft into the air without a trail of smoke using the smokeless jato.

Quantico Shoot—Modern marine riflemen compete with men using Civil War weapons and dressed in uniforms of that period.

The Big Blow—The wind tunnels at Langley Field and the Arnold Engineering Development Center (13 min—1954).

520 **Space Helmet**—A US Navy doctor uses a new method of administering anesthetic to children.

Vienna Crossroads—Unique situation of Austria in Europe.

It Began Like This—The Retreat Ceremony—History of "Retreat." Original music score by US Army Band (19 min—1954).

521 **New MATS Hospital Plane**—Marine Corps Giant Helicopter—New hospital evacuation aircraft equipped with latest medical equipment for

AFSM No.

Military Air Transport Service—Marine Corps' new giant twin engine helicopter.

WAF World-wide Basketball Championship—All-girl basketball squads representing Keesler and Lackland Air Force Bases compete for the court championship, which was won by the Lackland team for the third successive year.

NIKE Missile—A look at this special weapon in the civil defense system—Presented with a background story on rockets and guided missiles (18 min—1954).

522 **Hunter Killer**—Showing how a team of Navy vessels and aircraft track and destroy a submarine in mid-Atlantic (21 min—1954).

523 **Honest John—Corporal**—Army's newest rocket and guided missile.

The Remaining Few—Fort Myer's horse-drawn caisson performs for the camera.

Time Please—Brief story of the US Naval Observatory (11 min—1954).

524 **T-43 Tank—Bridge Drop**—New T-43 tank walks, runs, and climbs in front of camera—Engineers and paratroopers lay 500-foot bridge in 30 minutes in Japan.

The Greater Service—Numerous civilian benefits derived through Armed Forces activities as a result of research and development.

The Air Force Button—A filmagraph showing the origin and background of the Air Force button (16 min—1954).

525 **The Fastest Man on Earth**—Air Force Colonel rides rocket propelled sled, warming up to a speed of 420 miles an hour.

Eskimo Scout—Eskimo scout, of the Alaskan National Guard, helps to guard an Arctic gateway to America.

The Darmstadt Case—US Army's criminal investigation detachment in Frankfurt, Germany—Operations in European Command (16 min—1954).

528 **Vertical Takeoff**—At Moffett Naval Air Station, Navy Experimental Convair XFY-1 prepares for vertical takeoff in its free flight test program.

Ejection Seat—The camera shows what happens 10,000 feet above the Gulf of Mexico when a man is shot out of a bomber.

Television in the Service—How television, a versatile tool, is adapted by the armed services (20 min—1954).

529 **A Musical Merry Christmas**—Greetings to servicemen, with carols by West Point Choir, Annapolis Choir, joined by girls from Hood College and famous Air Force Singing Sergeants—Dance to Eddie Fisher's song, "Christmas Eve in my Home Town" (21 min—1954).

530 **New Air Chow**—Air Force mess sergeants become culinary experts under the watchful eyes of the master chefs in the George V Hotel in Paris.

Military Heraldry—Background of military insignia.

Northwest Passage—Icy lanes of the Arctic Ocean are opened by ships of US Navy after repeated attempts since days of Henry Hudson.

On Target—Bombing contests by B-36's and B-47's of the Strategic Air Command—Firepower demonstration of fighter planes from Eglin Air Force Base (22 min—1955).

531 **The Flying LST**—Navy's Guided Missiles—Navy presents a flying troopship and its latest self-guided missile.

Army-Navy Game—Game of 1954 goes to Navy (21 min—1955).

AFSM No.

532 **Super-Carrier Forrestal**—Navy launches world's largest carrier.

Capitol NIKE Base—Practice "Alert" at one of the newly established NIKE guided missile bases near the Capitol.

To the Ladies—Complete tour of the newly dedicated WAC Center at Fort McClellan, Ala. (19 min—1955).

533 **Mount Vernon**—A guided tour of George Washington's home on the banks of the Potomac.

Marine Uniform—Story behind this colorful uniform from the inception of the Marine Corps to the present day (16 min—1955).

534 **Droppable Take-off Gear**—Air Force develops an ingenious procedure which allows its planes to take off with greater loads, and from rougher runways.

Steam Catapults—Catapult launchings aboard the aircraft carrier, U.S.S. *Hancock.*

Illuminated Flight-Deck Suit—Unique nighttime footage of new electrified flight-direction suit, aboard Navy carrier.

Supermonk Retires—"Space-Cadet" (dubbed "Super-Monk") shown in retirement quarters at Smithsonian Zoo, Washington 25, D.C.—Flashback feature of his former rocket-riding days.

Icecap Caravan—Story of a small expedition which crossed 1,600 miles of the Greenland Icecap, establishing a route for heavy vehicles (19 min—1955).

535 **Underground Housing Installations**—Underground Atom Blast—Air Force goes underground in the Far North while the underground blows topside in an atomic explosion at Desert Rock.

Take Her Down—Story on submarines from turn of the century to the launching of the NAUTILUS.

Winter Sports—Spectacular ski jumping at Garmisch-Partenkirchen, Germany—Army and Air Force teams compete in bobsled race at Lake Placid, N.Y. (19 min—1955).

536 **Pan American Games**—Highlights of the 1955 Pan American Games held in Mexico City (19 min—1955).

537 **Navy Research Aircraft**—New Signal Developments—Navy demonstrates practical version of a flying saucer—Signal Corps shows off its latest electronic device.

Nautilus Shakedown—Air Force cameraman explores the inner workings of the world's first atomic submarine.

B–36—Story of the real backbone of the Strategic Air Command, the B–36 Bomber (20 min—1955).

538 **Diagnostic Heart Radio**—Navy unveils its latest weapons against heart disease.

Davy Crockett, Jr. Grade—Small fry at Fort Myer don coonskin caps and get out their shooting irons.

A President Goes to School—Story of the President's 40th class reunion held at West Point during June week, 1955 (18 min—1955).

539 **The Navy Terrier—SS Neversail—The Bell X2—The Texas Tower**—Navy's Terrier, a self-guided missile tracking down its target—Army training ship that never goes to sea—Bell X2, fastest thing in airplanes to date—Texas Tower, newest link in our radar defense chain.

Deep Freeze for Twelve—Story of survival training on the Icecap (15 min—1955).

AFSM No.

540 **"U.S.S. Forrestal," "Delta Ray," "Sea Master," and the "Skyhawk"; "Ontos Tank Destroyer"** and experimental test on ejection seats for Air Force.

Atom Soldier—Proof that foot soldier can survive the atom blast.

Leatherneck Notes—Brief history of Marine Corps Band (18 min—1956).

541 **Armed Forces Talent Show**—Talent of all types from all the Services entertain (30 min—1956).

542 **Signal Corps Drone**—Demonstration of the radio-controlled reconnaissance craft.

The Albacore—New submarine showing radical new hull shape and control system.

The B–52 Flight—SAC's new swept wing jet bomber on ground, in flight, and refueling in the air.

Alpine Holiday—Service couple takes leave in Germany's Bavarian Alps (19 min—1956).

543 **Portable TV Camera**—Enables Commanders to watch front line action and evaluate operations at the Command Post.

The Aerodyne—Vertical air jet experimental model shown in full operation.

The Aerocycle—An experimental one-man flying machine.

The Hurricane Hunters—How the Air Force and Navy cooperate in getting vital information on hurricane movements.

An I&E spot announcement on voting (15 min—1956).

544 **B–52 Crew Demonstrates Cross Wind Landing Gear**—Permits large planes to maneuver in smaller areas and land in rough weather.

Navy "Grasshopper" Sends Weather Data—An automatic operating mechanism, sends accurate weather data for months at a time over distances up to 800 miles.

Moving Dry Dock Rescues Landing Craft—New Landing Craft Retriever, capable of carrying small vessels, up to 80 tons, in rescue operations.

"Biggest" Snow Train for Arctic Snows—Capable of carrying very heavy loads over snow covered wastes.

Bone-Fide Soldier—Feature on dog training by the Army in Germany as viewed by the dog.

Frogmen's Holiday—Navy frogmen enjoy undersea fishing in waters off the Virgin Islands (18 min—1956).

545 *Includes:* "Supersonic Jets Fly From Forrestal," "Jet Plane Crashes in Essex Landing," and "Meet the Artists"—An animated sequence defines the rights and responsibilities of freedom (17 min—1956).

546 *Includes:* "The Drake"—Army's new amphibious truck tests successfully, "American by Choice"—story of Airman Marko Miletich, "It's in the Bag"—operations of Navy's blimps (10 min—1956—Color).

547 *Includes:* "Trials of First U.S. Military Airplane"—scenes of Army tests on original biplane in 1909, "Biggest Air Transport in Action"—features and capabilities of the new C–133, "Test of New Crash Suit"—aluminized crash suit tested in super-heated oven, "Sac Judo 1956", "Eyes to Sea" (18 min—1956).

548 *Includes:* "New Incentive for a Military Career," "New World Record for Rocket-Sled," "Airborne TV—New Eyes for Navy," "Gliders Build Friendship Overseas," "Slingshot Recovery for Frogmen," "Jet Trio

AFSM No.

Refuels in Mid-air," "Army Unveils Rapid-fire Vulcan," "High and Dry" (16 min—1956).

549 *Includes:* "Woodrow Wilson Centennial"—depicts President Wilson's efforts to build a lasting peace after WW I, "New Medical Care Act for Dependents"—provisions (22 min—1956).

550 Old Ironsides

A visit to Old Ironsides riding again at anchor in Boston Navy Yard (15 min—1957).

551 Armed Forces Day

A salute to the Armed Forces, stressing the role of the Armed Forces as a "Force for Peace" (14 min—1957).

552 I&E Screen Magazine—Issue No. 552—Mathew Brady

A documentary on the work of Mathew Brady, the country's first combat photographer—His pictures of people, places, and events (13 min—1957).

553 I&E Screen Magazine—Issue No. 553—What's New in the Service

Includes: "The Helmet Radio," "Flood Control," "The Code Posters," "The Most Famous Picture" (20 min—1957).

554 I&E Screen Magazine—Issue No. 554—What's New in the Service

Includes: "Army Flag," "Sea Legs for Sub Sailors," "Atomic Radiation Preserves Food," and "Vanguard" (16 min—1957).

555 Theodore Roosevelt—American

Presents highlights of his life—Most interesting experiences as a boy, out west, and later in national and international affairs—Development of his political career—His democratic ideals and principles mark him as an outstanding American (20 min—1958).

556 I&E Screen Magazine—Issue No. 556

Includes: "Operation Farside," "The Boys From Planet ϕ," "New Undersea Escape Method," "A Report to the Armed Forces," and "Pay-raise Bill Opens New Horizon" (18 min—1958).

557 Your Defense

Report on the preparedness of the Armed Forces in terms of weapons, equipment, and tactical responsibility—Demonstration firings of the new guided missile designs, including the ICBM (20 min—1958).

558 I&E Screen Magazine—Issue No. 558

Includes: "Freedom Foundation Awards, 1958," annual awards ceremonies of the Freedom Foundation; "Trec Snow Test," Army Transportation Corps demonstrates its new portable fuel train; "Navy's Rat," new anti-submarine rocket launched torpedo; "Have Ball—Will Orbit," satellite is fired into orbit; "The Boys From Planet ϕ," President Eisenhower's People-to-People Program; "Food Atomic Style," preparing and supplying healthful food to the military personnel (20 min—1958).

559 Shipment to Saratoga

Describes how foreign aid contributed to the success of the Battle of Saratoga in 1777—Arms and supplies shipped by a French company helped to win our independence from England—Payment for the supplies was made in 1818 to the heirs of the founder of the company (14 min—1958).

AFSM No.

560 I&E Screen Magazine—Issue No. 560

Includes: "South Pole Party Sees Light," "Bob and Jane Wow Airmen," "Brussels Fair," and "These Honored Dead" (21 min—1958).

43. Campaign Reports

Campaign Reports (CR) present chronological developments of entire campaigns.

CR No.

1 Liberation of Rome

Entry and liberation of the first of the Axis capitals to capitulate (21 min—1944—Withdrawn from all types of public exhibition—Withdrawn from oversea commands—From British Army Film BC 7198).

2 San Pietro

Graphic account of capture of an Italian village (32 min—1945).

3 Stilwell Road

Construction of highway through extreme natural obstacles under enemy fire (52 min—1945).

4 Appointment in Tokyo

Motion picture record of Gen MacArthur's operations from the Fall of Corregidor to Japanese surrender ceremonies in Tokyo Bay (56 min—1945—Withdrawn from all types of public exhibition).

44. Combat Bulletins

Combat Bulletins (CB) are newsreel-type films. CB's No. 1 through 66 deal with WW II, while No. 101 through 113 deal with the Korean conflict. Production of these bulletins was discontinued on 13 November 1951.

CB No.

1 Combat shots, Pacific and Italian theaters (13 min—1944).

2 Bridging the Volturno River, Italy—Landings in South Pacific area—Hawaiian training branch—Invasion of Cape Gloucester (14 min—1944).

3 Building pillbox in Italy—Battlefield concealment—Operations at Los Negros—Embarkation for Anzio—Capodichino airfield in Italy (20 min—1944).

4 Battle for Cassino—Japanese and jungle—Tanks and infantry face enemy fire (19 min—1944).

5 Stop that tank, rear area in India—Something new has been added—Various special devices, South Pacific—Bazooka quadruple power—Land mine problem—The B–29, modern day specialist (16 min—1944).

6 Beachhead operations—A day on a European beachhead (23 min—1944).

17 Invasion of southern France—Operations in northern France—Operations in Burma—Japanese attack US task force (38 min—1944).

18 Progress in southern France—Activities in Italy—Seized German film—Invasion of Sansapor—Battle of France (39 min—1944—Withdrawn from all types of public exhibition).

CB No.

19 Expansion of beachhead in southern France—Activities on Ledo and Burma Roads—Activities at Leghorn, Italy—Operations in northern France (21 min—1944).

20 Flying bomb sites—Capture of Toulon and Marseilles—US airmen freed in Roumania—Operations in France and Belgium—Canadian 1st army—British 2d army—American 1st and 3d armies (24 min—1944—Withdrawn from all types of public exhibition).

21 Progress in southern France—Activities in Italy—Bridge over Salween River—Clean-up Aitape, New Guinea—North France and Belgium—American 1st and 3d armies (20 min—1944).

22 Yanks in Germany—American 3d and 7th armies meet—British take Antwerp—Buzz bombs halted—Nazis give up—Airborne army take-off (26 min—1944).

23 Boring into Siegfried Line—Rhine bridge seized—Battle for Lorraine—Gothic Line cracked—Pacific war steps up—Canadians clearing channel (26 min—1944).

24 Channel coast activities—Ordnance repairs—German frontier operations—Airborne operations—Toulon Harbor installations—Invasion of Palau Islands (20 min—1944).

25 Evacuation of Kweilin—Supply for American 1st army—Allies near Po Valley—Americans rebuild Japanese base—Invasion of Anguar (25 min—1944).

26 Capture of Tengyueh, Burma Road barrier—Fifth army on road to Bologna—Seized film on Ploesti oil field—Artificial harbor in Normandy—Activities in ETO—Cross-canal flamethrower—Railheads bring tanks to front—U-boat at Brest—Battle of Aachen—AMG in Germany—RAF bombs Germany (31 min—1944—Withdrawn from all types of public exhibition).

27 Clean-up on Peleliu and Anguar—Activities in ETO—More Brazilian troops reach Italian front—Preparations for Philippine invasion—Landings on Leyte (28 min—1944).

28 Activities in ETO—Battle of the Netherlands—Glider pick-up at Eindhoven—Air Force fighter kills—Liberation of Greece—Activities in Burma—Gen Seagrave's field hospital unit—The US Navy presents—Battle of the Philippines (19 min—1944).

29 Activities in ETO—Battle of the Netherlands—Testing German ammunition—Utilization of local industries—Artillery supplies a trapped battalion—Winter shoes for tanks—Demolition of roadblocks—Weasel M29-C—Additional films of Palau operations (22 min—1944).

30 Activities in ETO—RAF sinks Tirpitz—Frontline steel production—Bombed Belgian rail network—Rain and snow slow allied armies—Burma operations—Activities in Philippines (21 min—1944).

31 Personnel pick-up tests at Wright Field—Wine barrel revetments—Eighth Air Force fighter kills—Remote control tank—Opening of big push—Huertgen Forest—Aachen area (15 min—1944).

32 Activities in ETO—American 1st and 9th armies drive closer to Roer River—Holland front—British introduce a new mine detector—Belfort and Mulhouse fall to French units—Sharpshooting course for jungle fighters—

CB No.

Italian front—Russian film showing fighting in Warsaw suburbs—B–29's attack Tokyo—Carrier planes attack Manila (21 min—1945).

33 School for jungle life—Activities in ETO—American 1st and 9th armies drive forward on Aachen front—To the south, US and French troops of the 6th army press forward before the Rhine plain—Island ice box—Advance toward Ormoc Road—Carrier strikes in Ormoc and Manila Bays (18 min—1945).

34 Activities in ETO—Ninth army front—Port of Antwerp—Fighter kills—Malaria control in Corsica—B–29 crash in China—Japanese phosphorous bombs—Capture of Bhamo, Burma Road link (16 min—1945).

35 Japanese raid Saipan B–29 base—GI's get whole blood from homefront—"Black Widow" and "Jato"—Activities in Burma, China, and ETO (20 min—1945).

36 Operations in Philippine Islands—Ormoc landing—Troops land on Mindoro—Mediterranean area—German work mobilization—ETO—German offensive (23 min—1945).

37 Activities on Leyte and Mindoro—Air ferry route to Siberia—Advance in Burma—Nazi version of action in East—Activities in ETO (24 min—1945).

38 Admiral Nimitz speaks on Pearl Harbor anniversary—"Mars Task Force" at Tonkwa—XC–97, cargo transport—Nazis driven from Greenland coast—Winter on the Italian front—Trench foot problem at front—Allies counter in Battle of the Bulge (21 min—1945).

39 Island airport in Axis waters—Experimental activities of AAF—Ledo-Burma Road—Field problems on Western front—M24 light tank—Modifications on M4 tank—Single-plane Borneo attack (15 min—1945).

40 Attack on Manila Harbor—First landing on Luzon—Action on Western front—Alsace front—Bomb damage viewed at captured oil plant—Sumatra oil refineries bombed—Para-demolition on NE Celebes (20 min—1945).

41 Bombing of Manila airfields—British take Akyab—Opening of Ledo Road—Carrier force strikes Formosa—Italian front—Activities in ETO—Frontline shower bath—Bombing of Berlin (26 min—1945).

42 Meeting of allied leaders—Nazi shipping attacked along Norwegian coast—New aircrew oxygen bottle—Activities in ETO and Burma—Bailey assault bridge—Army-Navy planes hit Japanese installations—Operations in the Philippines (31 min—1945).

43 Activities in ETO—Trays from scrap metal—DDT spray for jungle—Capture of Ramree—Modern plant services allied aircraft—Stilwell Road convoy reaches Kunming—Luzon operations (23 min—1945).

44 Invasion of Iwo Jima—Jet-propelled P–59—Activities in ETO—Gen Marshall's inspection of Italian front—Manila (25 min—1945—Withdrawn from all types of public exhibition).

45 Action on Iwo Jima—Radio Luxembourg—Activities in ETO—Roosevelt meeting—Activities in Philippines—Manila—Corregidor and Mariveles (30 min—1945).

46 Allied air attacks on Germany—Rhine offensive—A–26 Invader—Manila clean-up—Air rescue on Japanese-held island—Iwo Jima (29 min—1945—Withdrawn from all types of public exhibition).

CB No.

47 Tokyo strikes—Activities on Iwo Jima—Clean-up on Corregidor—China supply problems—Jungle shelters—T26 tank—Additional films on Rhine offensive (27 min—1945).

48 Air support on Western front—Shangri-La—Activities in ETO—British jet plane—M69 incendiary bomb—Capture of Lashio and Mandalay—Second airfield taken on Iwo Jima—Ryukyus attacked (31 min—1945).

49 Additional film on Iwo Jima—Invasion of Panay Island in Philippines—Aerial supply on Leyte—B–32 Dominator—War dogs—Honor defenders of Bastogne—Rhine airborne operations (25 min—1945).

50 Ryukyus operations—Activities in Burma—P–80 Shooting Star—Fifth army ordnance pool—US forces drive deeper into Germany (29 min—1945).

51 Story of Remagen bridge capture—Navy moves inland—Philippine operations—Advance on Okinawa—Activities in Burma—Nazi atrocities (28 min—1945—Withdrawn from all types of public exhibition).

52 Advance in Italy—Activities in ETO and in Luzon—Transportation methods in China—Tokyo strikes—Additional Okinawa films—Attack on Kure naval base (26 min—1945—Withdrawn from all types of public exhibition).

53 Sec Stimson and Gen Marshall—Activities on Okinaway and in ETO—Mop-up in Manila Harbor—Atrocity films—Surrender—Gen Eisenhower makes VE-day statement (33 min—1945—Withdrawn from all types of public exhibition).

54 Action on Okinawa—Two Japanese in dawn sortie—Activities in Philippines—Expedients overcome tank obstacles—V–I over Antwerp—Airborne supply base—Activities in ETO—Atrocity films—Death of Mussolini (32 min—1945—Withdrawn from all types of public exhibition).

55 Additional surrender films—Gen Richardson makes VE-day statement—Fall of Rangoon—Iwo Jima base for Tokyo attacks—Captured Japanese weapons—USS Franklin (29 min—1945).

56 Activities in ETO—Paper war—57-mm recoilless rifle—Invasion of Tarakan—Japanese suicide bomb—Capture of Banguio (29 min—1945).

57 Activities in ETO—Disney swish—Enemy fortifications—Mine menace in conquered areas—T66 rocket launcher—Jungle rescue—Activities in Philippines—Attack on Naha (28 min—1945—Withdrawn from all types of public exhibition).

58 Activities in ETO—Floating bridge M4—Activities in Philippines—Sopac University—Postwar jeep—Allied prisoners freed in Rangoon—Shuri Line on Okinawa (26 min—1945).

59 Operation "Pluto"—Allied control council for Germany—New helicopters—Carbine M2—Activities in Philippines—Ledo Road supply base—Additional films on Shuri Line—Expand Marianas airbases (26 min—1945).

60 Activities in ETO—LVT's for beachhead operations—Wire-laying by airplane—Activities of 6th army group—Service schools in Pacific—Transportation difficulties on Okinawa—F7F Tigercat (20 min—1945).

61 Operation "Fido"—Activities in ETO—Russian one-man carry—M40 and T89 motor carriages—Borneo invasions—Action on northern Luzon—Okinawa—Naval operations off Okinawa—Kobe strike (27 min—1945).

CB No.

62 Redeployment operations—Activities in ETO—Cavitizing shells for V–T fuzes—Okinawa—Japanese attacks on fleet (21 min—1945).

63 British flame defenses—Revolt in Prague—Redeployment—New Quartermaster units use leaded gas—Suicide attack on destroyer—Eleventh airborne cuts Japanese escape routes—PT boats fire Japanese oil (21 min—1945).

64 Former President Truman arrives at Berlin conference—Demonstration of latest Signal Corps equipment—Recapture of Liuchow—Aguni invasion—Balikpapan invasion—Typhoon hits fleet (19 min—1945).

65 Big Three conference in session—Additional films of Balikpapan invasion—Activities on Okinawa—Reunion on Okinawa—"Little David" 914-mm mortar (17 min—1945).

66 Activities in China—Service troops arrive in Manila—Japanese antisubmarine mortar—Third fleet shells Japan—Sinking of HMS *Barham*—Army nurses arrive in Hawaii (13 min—1945).

101 Korea, 10 July through 10 August 1950—Battle for time—Logistics and combat operations of air, sea, and ground forces of UN (29 min—1950).

102 Korea, 10 August through 10 September 1950—Turning the tide—Combat footage of attack and counterattack on ground—Tactical and strategic UN air support—Marines spearhead amphibious landing on Wolmi Island—UN forces capture Inchon and push to outskirts of Seoul—UN forces hold Pusan beachhead and push Red aggressors back (22 min—1950).

103 Korea, 20 September through 20 October 1950—UN offensive—Maps show changing situation (21 min—1950).

104 Korea, 20 October through 20 November 1950—Chinese communists enter war—Speed of UN medical treatment through evacuation of wounded by air—Field demonstrations at Aberdeen (Maryland) Proving Ground—Rough winter weather impedes Navy—Air Force tests on new Fairchild XC–120 pack airplane—Demonstration of US winter uniforms (21 min—1951).

105 Korea, 20 November through 20 December 1950—UN forces escape trap—Third division fighting principal holding action—Tenth corps evacuated by sea from Hungnam—Evacuation of troops, supplies, equipment, and civilians, in face of advancing Chinese Reds—Largest amphibious evacuation in military history—Airdrop of supplies—Air evacuation of casualties—Destruction of abandoned supplies—Interrogation of Chinese prisoners (16 min—1951).

106 Korea, 20 December 1950 through 20 January 1951—UN ground forces evacuated from Hungnam aided by naval protective fire—Warehouses, buildings, and harbor facilities destroyed—Evacuation of Seoul—Redeployment of 8th army—Withdrawal across Han River—Flight of civilian refugees—UN troops digging in near Suwon—Fighter-bombers of UN air force inflicting damage on enemy (20 min—1951).

107 Korea, 20 January through 20 February 1951—UN troops capture Suwon and move on to Han River—Digging out enemy in hills—Troops of 25th division reach outskirts of Seoul on 10 February—Red resistance stiffens on central front indicating counterattack—Red positions blasted by massed

CB No.

firepower of tanks and artillery—Flying boxcars deliver supplies by parachute at Wonju—Dislodging of enemy on hill 584—Operation Killer pushes northward following failure of Red breakthrough attempt (17 min—1951).

108 Korea, 20 February through 20 March 1951—Operation Killer, continues against weakening enemy resistance—C–119's supplying frontline units by air—UN air force continues around-the-clock bombing and strafing of enemy—Troops of 24th and 25th divisions carrying battle to enemy—Near 38th Parallel, 7th division reconnaissance patrol strikes northward (18 min—1951).

109 Korea, 20 March through 20 April 1951—Paratroopers of 187th airborne regimental combat team land near Munsan during Operation Tomahawk—Twenty-fourth division advances in face of stiff resistance at 38th Parallel—ROK division crosses Imjin River with US fire support—Official activities of SHAPE headquarters—Tank-infantry team executes a reconnaissance in force across 38th Parallel—Reconnaissance tank mission against communist snipers (19 min—1951).

110 Korea, 20 April through 20 May 1951—Red spring offensive stalled—UN forces withdraw across Imjin River and through Uijongbu to set up major defenses along Lincoln Line above Seoul—Tank-infantry team deflects Chinese columns as UN planes blast enemy concentrations north of Seoul—"Human sea" tactics of Reds prove costly against superior UN firepower (15 min—1951).

111 Korea, 20 May through 20 June 1951—Allied units push north as tide of battle turns—Infantry units receive close support from F–51 fighters in smashing enemy hill position—Mud hampers advance of UN forces necessitating airlift delivery of supplies to front—Artillery battery pounds Reds with 155-mm howitzer shells—Pinpointing of communist targets by air-ground team as UN advance continues—Blasting of Wonsan Harbor at night by rocket-firing vessels of UN navy (17 min—1951).

112 Korea, 20 June through 20 July 1951—Cease-fire talks—Reds stop UN correspondents from entering conference area—Gen Ridgway discontinues talks until enemy agrees to neutralize Kaesong area—Resumption of talks (18 min—1951).

113 Korea, 20 July through 20 August 1951—Infantry patrol in probing action in northwest of Inje—UN communication team installs VHF station as link in radio network—North of Yanggu US infantrymen attack hill 1179, supported by self-propelled 155-mm guns and heavy mortars—Following capture of objective, units reorganize, receive ammunition, and other supplies by airdrop—Return of refugees to Seoul—Retrieval of mine-disabled tank—Cease-fire negotiations at Kaesong (18 min—1951).

45. Army Information Films

These films are intended for the information of all personnel in the Armed Forces, including civilian components.

Army Information Films Series, sponsored by Troop Information Division, Department of the Army, should not be confused with

AFIF Series sponsored by Armed Forces Information and Education, Department of Defense.

AIF No.

1 Defense Against Enemy Propaganda

Aim and pattern of enemy propaganda in American occupied countries, Soviet occupied areas and Korea—The means of combating it (29 min—1957—Film Reference).

2 Sweden—Modern Land of the Vikings

This pictorial study of Sweden covers its geography, history, government, industry, culture, customs, and mode of life—A blend of viking heritage and modern age—The people, their enjoyment in water and winter sports (30 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

3 African Heritage

Study of East Africa—Contributions of Africa to civilization—Life and work of the people—Painting, music, and the dance are discussed—Present day changes and development (29 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

4 Netherlands—Land Below the Sea

Study of the Netherlands—Nature of the land—Canal system and modes of transportation—Flower growing and export, dairy, fishing, and shipping—Traditional customs of the Dutch people—Proposed projects and studies to reclaim all available space for the increasing population (34 min—1958—Color—Commercial Adaptation—Limited number of prints distributed to central film and equipment exchanges).

46. Department of Defense Film

This film is intended for use by Public Information Officers.

DD No.

184–54 Army's Nike Guards Nation's Capital

Scenes made at the launcher station near Lorton, Va.—How guided missile NIKE is brought into position to fire during simulated enemy aircraft attack—Capabilities of the NIKE (5 min—1955).

47. Educational Films

Educational films (EF) serve as guides for vocational, industrial, educational, and rehabilitation purposes.

EF No.

6 Don't Be a Sucker

Combating minority group prejudice (18 min—1947—Revised—Withdrawn from all types of public exhibition).

179 Heights and Depths

Zinc etchings of line drawing and half-tone photographs for newspapers (9 min—1945).

180 Modes and Motors

Artistic automotive designing (9 min—1945—Commercial Adaptation).

EF No.

183 Electrons on Parade

Construction and use of the power tube (20 min—1945—Commercial Adaptation).

187 Painting and Decorating

Self-explanatory title (10 min—1945).

192 How to Play Volleyball

Self-explanatory title (20 min—1945—Commercial Adaptation).

215 Pottery Making

Self-explanatory title (11 min—1945).

216 Metal Working

Self-explanatory title (12 min—1945).

272 Printing

Self-explanatory title (10 min—1947).

48. Film Bulletins

Film bulletins (FB) deal with new military developments (not necessarily based on approved Department of the Army doctrine).

FB No.

163 Mustard Spray Tests With Multiple Planes (U)

(23 min—1944—Limited distribution—Further distribution must be authorized by CCMLO—Film is classified CONFIDENTIAL).

5–85 Camouflage Dummies and Decoys

Camouflage in desert warfare—Use of wire, cloth, paper, foliage, mud, and soil in preparation and construction of dummies and decoys (14 min—1944—Color).

5–101 The Tournapull

Engineer tournapull machine used in constructing airfields (15 min—1944—Film Reference).

5–102 The Engineer Dozers—LeTourneau

Use of two types of dozers—Techniques—Clearing away obstacles and building roads through various types of terrain (26 min—1944—Film Reference).

5–111 Road and Runway Construction—Southwest Pacific

Rapid construction of supply roads and air strips on captured Japanese islands (18 min—1944—Film Reference).

5–129 Engineer Power Shovel and Attachments

Power shovel—Standard attachments—Operation (21 min—1944—Film Reference).

5–133 Hand-placed Charges against Beach and Underwater Obstacles

Placing demolition blocks M2, M3, M4, and bangalore torpedo by hand—Types of beach and underwater obstacles—Functioning of concussion detonator (19 min—1944).

FB No.

5–137 Road Maintenance and Construction in Italy

Engineer maintenance and construction of roads in Italy (10 min—1944—Film Reference).

5–148 Camouflage in Combat

Practicability of camouflage—Comparison between training and combat methods—Ingenious examples under battle conditions—Enemy skill and techniques of camouflage (12 min—1944—Film Reference).

5–168 Port Repair

Problems—Destruction found in captured ports—Repair for military use (15 min—1945—Film Reference).

5–182 Road Construction and Maintenance in CBI

Construction of military roads in CBI theater (18 min—1945—Film Reference).

5–185 The Bailey Bridge in Combat

Use of bridge in keeping supplies and equipment moving toward the front (13 min—1945—Film Reference).

5–192 Fixed Bridge Construction and Repair in the CBI

Building and repairing fixed bridges in CBI theater (12 min—1945—Film Reference).

5–194 Interim Report on Passage of Beach and Underwater Obstacles (U)

(28 min—1945—Limited distribution—Further distribution must be authorized by COFENGRS—Film is classified SECRET).

5–196 Airfield Construction and Repair in the CBI

Construction of military airfields in CBI theater by engineers—Limited equipment—Obstacles (15 min—1945—Film Reference).

5–201 River Crossing Operations in the CBI

Overcoming difficult obstacles to keep supplies moving across rivers (14 min—1945—Film Reference).

5–207 Field Airdromes

Construction of field airdromes (12 min—1945—Film Reference).

7–263 Fighting in Built-Up Areas—Use of Special Equipment

Illustrating special techniques and equipment used by infantry in clearing an enemy-held area—What makes fighting in these areas more effective (5 min—1953).

7–264 Fighting in Built-Up Areas—Methods of Entering Buildings

Demonstration of correct methods of entering buildings in enemy-held territory—Use of grenades (4 min—1953).

7–265 Fighting in Built-Up Areas—Methods of Searching and Clearing Buildings

Rifle squad has the responsibility of searching and clearing buildings—Essential procedures demonstrated (3 min—1953).

7–266 Fighting in Built-Up Areas—Selection of Positions for Firing

Emphasizing that selection of proper firing positions greatly increases effectiveness of fire during this type of combat—Tricks of cover and concealment (5 min—1953).

FB No.

7–268 Fighting in Built-Up Areas—Organization and Tactics

Outlining organization and tactics of an attacking unit, the infantry rifle platoon—Functions of major groups: searching party, covering party, and weapons squads—How each group is deployed during attack—Importance of an advance tactical plan (10 min—1953).

7–269 Fighting in Built-Up Areas—Mutual Support and Methods of Advance

Exhibiting the joint support of infantry and tank units in this type of fighting—Proper methods of advance for the infantryman (5 min—1953).

7–272 Infantry Weapons and Their Effects—US Rifle Cal .30 M1 Browning Automatic Rifle

Description, uses, and capabilities of the Browning automatic rifle (BAR) and the semiautomatic cal .30 M1 (8 min—1954—Color—Film Reference).

7–273 Infantry Weapons and Their Effects—US Pistol Cal .45, Submachine Gun, Cal .45, US Carbine, Cal .30

Brief descriptions of characteristics and capabilities—Use in combat (8 min—1954—Color—Film Reference).

7–274 Infantry Weapons and Their Effects—Hand and Rifle Grenades

Grenades are among the most effective weapons for close in fighting—Hand grenades include M26 fragmentation, white phosphorous, and "offensive"—They are activated by hand and explode in 3 to 6 seconds—Rifle grenades are designed specifically for firing from a rifle and include: high explosive antitank grenade, pyrotechnic signal star cluster, parachute flares in four colors, and colored smoke streamers (9 min—1954—Color—Film Reference).

7–275 Infantry Weapons and Their Effects—M1C Cal .30 Sniper's Rifle—Sniperscope, Infrared Set No. 1

Mission of a sniper is to harass the enemy—Illustrating several special pieces of equipment furnished to sniper to help perform mission (6 min—1954—Color—Film Reference).

7–277 Infantry Weapons and Their Effects—Portable Flamethrower

Location and characteristics of component parts—How to operate weapon—Characteristics and effects of thickened and unthickened fuel (3 min—1954—Color—Film Reference).

7–278 Infantry Weapons and Their Effects—Machine Guns

Characteristics, capabilities, and application of various machine guns used in infantry regiment—Cal .30 light MG, cal .30 heavy MG, and cal .50 MG described—Ball, tracer, armor piercing, and armor piercing incendiary ammunition discussed (5 min—1954—Color—Film Reference).

7–280 Infantry Weapons and Their Effects—The Mortar Family

Composition, characteristics, capabilities, and application of the 60-mm mortar, 81-mm mortar, and 4.2-inch mortar (14 min—1954—Film Reference).

FB No.

7–281 Infantry Weapons and Their Effects—57-mm Rifle, M18; 75-mm Rifle, M20; 105-mm Rifle M27

Brief descriptions of characteristics, capabilities, and application of the 57-mm rifle, M18, 75-mm rifle, M20, and 105-mm rifle, M27 (7 min—1955—Color—Film Reference).

7–282 Infantry Weapons and Their Effects—Tank Weapons

Brief review of the medium M47 tank with the 90-mm gun, cal .30 coaxial machine gun, cal .50 machine gun, and a cal .30 bow machine gun—Three types of ammunition fired by the 90-mm gun (5 min—1955—Film Reference).

7–283 Ranger Training

Illustrating the three phases of the eight-week intensive army ranger training course—Invaluable part of army combat teams formed by graduates of this course (28 min—1953—Film Reference).

7–285 Rugged Rangers

Highlights of the army ranger training course conducted at Fort Benning, Georgia, to test physical stamina and moral courage under combat conditions—Volunteers from all arms and services undergo rigorous training for eight weeks in three phases: review of basic military skills, jungle training, and mountain terrain training (9 min—1953—Film Reference).

8–132 Evacuation of the Wounded

Steps in evacuating wounded—Five successive echelons of medical service from frontline to general hospital in ZI (15 min—1944—Film Reference).

8–147 Medical Service in the Jungle

Difficulties of jungle medical service—Efficiency of combat medical troops—Swimming out with casualties to ships—Treating wounded—Assembling medical supplies—Water discipline—Danger of fungus infections—Immunization problems—Malaria control—Jungle fear at night—Operation of collecting stations and clearing stations under canvas or in captured Japanese dugouts (20 min—1944—Film Reference).

8–173 The Evacuation Hospital

Organization and function of evacuation hospital and third echelon medical service (13 min—1945—Film Reference).

8–184 Psychiatric Procedure in Combat Area

Handling mild and moderately severe cases of combat fatigue in division and army areas (47 min—1945—Film Reference).

8–200 Malaria Control on Corsica

Prevention of malaria by mosquito control—Destruction of breeding places—Killing with sprays—Screening—Individual protection (13 min—1945—Film Reference).

8–203 General Hospital

Organization and operation of general hospitals overseas (12 min—1945—Film Reference).

FB No.

8–217 Army Medical Laboratories (World War II)

Laboratory units in theaters of operation, communications zones, and ZI—Function of each—Overall organization and set-up worldwide network of laboratories (38 min—1947)

8–228 Veterinary Food Inspection Service—Part II: Theater of Operations

Inspection of food from its arrival at oversea ports until its issue to front line organizations (15 min—1949—Film Reference).

9–117 Torsion Bar Suspension

Basic principles—Advantages over old type volute (coil) spring type suspension system (8 min—1944—Film Reference).

9–118 Tank Transporter M25

Description and use (20 min—1944).

9–125 Light Cargo Carrier, M29C

Operation and maintenance (16 min—1944).

9–128 Save That Part

Stock piles maintained by Ordnance to fill requirements of armies—Recovery of serviceable equipment for reconditioning and repairing (7 min—1944—Film Reference).

9–154 Velocity Calibration of Artillery

Two-unit ballistic and technical service team—Highly mobile units, trained and equipped by ordnance to calibrate weapons of a battery or battalion (9 min—1944).

9–170 Concrete Piercing Nose Fuze M78

Demonstration and evaluation of penetrating ability of concrete piercing nose fuze M78—Projectiles fired against reinforced concrete slab 5 feet thick with a compressive strength over 5,000 pounds per square inch (16 min—1945).

9–179 Spray-formed Plastic Casing

Its use and importance to manufacturers—Detailed description (19 min—1945).

9–197 VT Bomb and Rocket Fuzes

Details concerning VT bomb and rocket fuzes (25 min—1945—Film Reference).

9–204 Beachhead Maintenance for LVT's

Seagoing LVT maintenance units—Unloading repair shops mounted on skids and setting them up for operation on beachheads—Retriever LVT's (19 min—1945).

9–206 The 4.5-inch Multiple Rocket Launcher, T66

Function, handling, and use of rocket fire in the field—Advantages of new launcher—Use of new rockets—Crew duties—Tactical use of launcher (25 min—1945—Film Reference).

9–221 Arctic Engine Oil

Development and testing of new arctic engine oil at Fort Churchill, Canada—Lubrication schedule (7 min—1948—Film Reference).

FB No.

9–230 Trends in Ordnance: 1949

Improved mobility of weapons from WW I to WW II—Ordnance museum at Aberdeen Proving Ground—Development of lighter, more easily portable artillery weapons—New vehicles—T51 crosscountry cargo and personnel carrier—Medium tank M46 and light tank T37 (13 min—1949—Film Reference).

9–231 Rocket Instrumentation

Methods and instruments used to track and record speed, distance, and flight of rockets—Doppler effect as recorded in Dovap system—Tracking and recording rocket flight with radar, tracking telescopes, ballistic cameras, and allied electronic and optical instruments—Use of recorded information (15 min—1949).

9–238 Aberdeen Proving Ground

Developing efficient weapons for US military needs—Functions and operations of the Ballistics Research Laboratory, Development and Proof Services, The Ordnance School, the Ordnance Board, and Aberdeen Ordnance Depot—Basic field research of armed forces materiel conducted at aerodynamic range, supersonic wind tunnel, and Munson automotive test course—Completion of materiel study with field tests (17 min—1951).

9–288 Modern Ordnance Materiel—Wheeled Vehicles

Army Ordnance Corps has the responsibility of supplying and maintaining wheeled vehicles which implement the transportation of men and equipment—Ordnance Corps research has resulted in production of many new and improved versatile vehicles (12 min—1954—Film Reference).

9–289 Modern Ordnance Materiel—Tracked Vehicles

Application and characteristics of latest developments in tracked vehicles, particularly these basic types: light, medium, and heavy tanks (17 min—1954—Film Reference).

9–290 Modern Ordnance Materiel—The M76 Amphibious Cargo Carrier

Construction, characteristics, capabilities, and operation of this Army vehicle which, like an otter, is at home on water and on land thus providing motorized transportation regardless of terrain or climatic conditions (8 min—1954—Film Reference).

10–127 Supply Problems in the Southwest Pacific

Hazards of handling and storing supplies—Corrective action—Effect of climatic, storage, and handling conditions on substandard packing—Oversea packing—Preventing corrosion of subsistence items (40 min—1944).

10–224 Consolidated Loose Issue and Packing Room

Quartermaster warehousing operations—Storage and supply of loose issue items—Filling requisition at supply depot warehouse—Warehouse layout and arrangement of shelves—Conveyor belt system—Packing, crating, and shipping (22 min—1949—Film Reference).

10–233 Nutriculture—Vegetable Growing

Growing food crops by artificial chemical feeding—Techniques of vegetable growing—Equipment—Mixing chemical ingredients—Con-

FB No.

structing storage tanks—Irrigation—Sowing—Pollination—Harvesting and packing (10 min—1949—Film Reference).

10–254 Cold Weather Uniforms

Showing dangers of frostbite and trenchfoot—Explanation of layer principle for cold weather clothing—Clothing to be worn in wet cold weather—Clothing to be worn in dry cold weather—Characteristics of undergarments, overgarments, footgear, and gloves—Proper number of layers of clothing as related to cold weather conditions and amount of activity (25 min—1953—Film Reference).

10–255 Nylon Body Armor Test in Korea

Showing tests made by 20,000 soldiers of nylon body armor in various types of units and under varying conditions for 140 days in Korea—Discussion of five objectives of test—Enthusiastic demand for vests by combat troops after tests (14 min—1953).

10–259 Rigging the 6,000-pound Load-bearing Platform for Aerial Delivery

Demonstrating in part I the techniques used in rigging typical mass loads—Showing in part II the procedures used in rigging the ¼-ton and ¾-ton trailers with accompanying loads (36 min—1953—Film Reference).

11–69 Newfoundland Communications

Signal Corps lays long-line cable with laterals to all military installations on Newfoundland (21 min—1943—Color—Film Reference).

11–134 Mark III, IFF Modifications (U)

(13 min—1944—Film is classified SECRET).

11–142 Moistureproofing and Fungiproofing Signal Corps Equipment

Damage caused to vital communications by moisture and fungi—Prevention—Six-man team of radio and wire men at work (17 min—1944—Film Reference).

11–188 Waterproofing Signal Corps Equipment

Procedures and techniques necessary to protect equipment from effects of immersion in water (29 min—1945—Film Reference).

11–234 Improved Field Wire Laying with Wire Dispensers

Wire Dispenser MX–306/AG—Weight—Size and shape—Package containing ½ mile plastic-coated assault wire—Application in forward areas (13 min—1950—Film Reference).

19–152 Combat Firing with Hand Guns

Correct grips—Three basic firing positions—Firing quickly and instinctively (17 min—1944—Film Reference).

19–157 Allied Military Government in Italy

Purpose of AMG in occupied countries—Situation in Italy when American forces invaded—Destruction of cities and villages—Disruption of economic and social life—Reconstruction and rehabilitation by AMG and Italian officials (18 min—1944—Film Reference).

19–167 Traffic Control in the Normandy Invasion

Work of military police—Keeping roads clear for steady flow of military vehicles to front line—Traffic problems in assembling troops and

FB No.

supplies in England, and landing troops and supplies in France—Subsequent movement from beachhead (13 min—1945—Film Reference).

19–193 Evacuation of Civilians

Combat footage taken in ETO—Keeping civilians from roads in combat areas so traffic lanes can be kept open for troop and supply movements (15 min—1945—Film Reference).

19–202 Traffic Control in the CBI

Military police keep supply routes open for military traffic from ports in India to Burma Road—Obstacles in narrow Calcutta streets—Traffic control, stations—Radio-equipped jeeps direct and route traffic—Building Stilwell Road through jungle from Ledo to Burma Road (19 min—1945—Film Reference).

19–212 The Baseball Grenade (CN Riot Grenade M25)

Use and operation—Shape—Throwing or rolling grenade—Operating parts—Advantages of M25 over M7—Decontamination (6 min—1945—Film Reference).

19–239 Oriental Prisoners of War

Handling of prisoners of war by UN forces in Korea in accordance with provisions of Geneva Convention (23 min—1951—Film Reference).

19–246 Hasty Sign Making

How the military police personnel make temporary signs in the field when permanent signs are not available—Demonstrating the uses of sign reproduction kit No. 1, silk screen process (19 min—1952—Film Reference).

19–256 MP Highway Patrol in Germany

Demonstrating the control that military police have over traffic on the Autobahn in Germany—Duties of military police highway patrols include traffic patrols, services, and assistance to military and civilian population, law enforcement, and first aid (10 min—1953—Film Reference).

19–287 The Military Police Story

Military Police Corps trainees receive intensive training in basic infantry skills and expert instruction in military policing techniques at Camp Gordon, Georgia—Variety of MP duties and responsibilities—Military police serve in all parts of the world (33 min—1954—Film Reference).

20–16 Invasion of Crete by the German Army

German film shows preparations for invasion of Crete by air—First part of attack June 1941—Strafing and precision bombing—Men and equipment dropped by parachute—Capture of coastal roads and airports (11 min—1942—Film Reference).

20–37 Highway to Alaska

Vital artery for flow of military supplies to Alaska (9 min—1942—Film Reference).

20–39 Scrap for Victory

Salvage of old weapons to help meet iron shortage (11 min—1942—Film Reference).

FB No.

20–56 Western Battle Front, May–June 1940

Victorious Nazi drive through Holland and Belgium into France (40 min—1943—Film Reference.

20–66 The Battle of Buna

The campaign at Buna (9 min—1943—Film Reference).

20–78 Avalanche

Snow avalanches in mountain operations—Types—"Wind slab" and "flow snow"—Procedure for soldier separated from main party (10 min—1943—Film Reference).

20–213 Reduction of Japanese Cave-type Fortifications

Japanese retreat into caves—Methods of combatting this defense—Cave entrances located by aerial reconnaissance—Defoliation of hills by use of napalm—Neutralization of enemy positions by air forces and field artillery—Destruction by assault teams (34 min—1945).

20–220 Construction of Arctic Igloo

Construction of snowhouse—Three-man igloo constructed in 3 hours—Advantages of igloo over tent—Natural camouflage (10 min—1948).

20–232 Summer Movements in the Arctic

Terrain features of arctic and subarctic regions—Difficulties of moving men and supplies—Problems of movement, camping, and survival in arctic—Advantages and disadvantages of various vehicles—The weasel—Other types of transportation by water and air (15 min—1950—Film Reference).

20–249 Reducing Enemy Log Bunkers in Korea

Design, construction, and use of log bunkers, enemy camouflaged fortifications—Proper assault techniques and tactics to reduce enemy bunkers—Plan of attack detailed, air and ground reconnaissance, equipment, weapons, fighting units, and strategy employed (21 min—1952—Film Reference).

44–253 Weapons of the Artillery

Brief descriptions of characteristics of towed and self-propelled weapons which concerned the artillery-man—Nonartillery pieces considered are the 2.5 rocket launcher and the twin 40 motor carriage, M19—Artillery pieces discussed and illustrated are the 75-mm pack howitzer, the 105-mm howitzer, the 155-mm howitzer, the 155-mm gun, the 8-inch howitzer, and the 240-mm howitzer (26 min—1953—Color).

46–260 Army Aviation—Part I—Introduction

General characteristics and typical present uses of fixed-wing and rotary-wing light planes used by the army—Potential uses pegged to ingenuity of tactical commanders and staffs (17 min—1953—Film Reference).

46–261 Army Aviation—Part II—Selection and Occupation of Small Unit Airstrips

The mission of army aviation is to expedite tactical and logistical operations of army field forces—How the army aviation section of a combat unit selects and occupies a small unit airstrip without interrupting combat operations (12 min—1953—Film Reference).

FB No.

55–236 Cycloidal and Hydraulic Jet Propulsion

Principles and use of cycloidal propelled and hydraulic propelled vessels—Cycloidal propelled vessel contrasted with conventional single-screw type craft—Rapid turning feature of boats propelled by these means (11 min—1950).

55–248 Outloading of Diesel Locomotives

Problems and proper techniques in loading diesel locomotives aboard a cargo ship—Correct rigging, lifting, alining, lowering into wooden cradles, lashing, bracing, and waterproofing the 120-ton locomotive—Teamwork and stevedoring knowledge essential to smooth and efficient operations (13 min—1952—Film Reference).

55–270 Steam Locomotive Firing

Illustrating the six-step procedure for dropping old fire and for firing up a steam locomotive—Emphasizing the need for an even fire to insure efficient and economical operation (12 min—1953).

55–271 The Locomotive Air Brake System

Showing the identification, location, and function of each component part of the locomotive air brake with emphasis on system maintenance and repair (14 min—1953).

55–286 Icecap—I

Report of the Army Transportation Corps expedition across the icecap of Greenland in the spring and summer of 1952 to establish a route and a method of moving troops and heavy equipment to northern strategic bases (30 min—1954—Film Reference).

49. Graphic Films

Graphic Films (GF) are produced by an economical motion picture production technique using animated drawings or photographs with accompanying narration. They are issued under GF release numbers except when the initiating agency requests their release in a different series.

GF No.

8–1 Medical Service in the Infantry Division—Part I—The Medical Company, Infantry Regiment

Outlining the organization, responsibilities, and duties of this organic element of the regiment (17 min—1953—Film Reference).

8–2 Medical Service of the Infantry Division—Part II—The Medical Battalion

Every combat organization the size of a battalion or larger has its own medical unit—The medical battalion consists of three companies: headquarters and headquarters company (including dental service) that handle all battalion administration; ambulance company that evacuates casualties from regimental collecting stations to divisions clearing station; clearing company that administers medical treatment (18 min—1943—Film Reference).

8–3 Embryology of the Liver, Gallbladder, and Pancreas

A simple visualization of the embryology of the liver, gallbladder, and pancreas with particular reference to the most common surgical anomalies, and variations of these organs (18 min—1952—Color—Film Reference).

GF No.

9–29 Elementary Principles of Analog Computers (U)

(29 min—1957—Film Reference—Prints are for limited distribution to Army Film and Equipment Exchanges in CONUS and overseas for loan to need-to-know audiences—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

10–18 Operation Streamline—Stock Accounting

Showing the new stock accounting system used by Quartermaster Corps and other technical services—Provides for speed, efficiency, and mass production at a saving in time, effort, and cost (15 min—1952—Color—Film Reference).

10–21 How to Use Cold Weather Clothing

How to avoid injuries caused by cold dry and cold wet conditions—Special cold weather attire, when properly used, provides a portable climate-stabilizer—Explanation of physiological aspects of building, maintaining, and giving off body heat—Seven key points stressed (14 min—1952—Color—Film Reference).

10–22 Operation of Quartermaster Corps in CONUS

Mission, responsibilities, and activities of the Quartermaster Corps in continental US (11 min—1953—Color—Film Reference).

10–23 QM Nondivisional Units

Organization and activities of 19 flexible nondivisional units under the central control of headquarters and headquarters detachment quartermaster battalion—Expeditious supply of food, clothing, fuel, and other services to troops (19 min—1953—Color—Film Reference).

10–33 Unit Messing in the Field—Part I—The Mobile Kitchen

Features, use and assembly of kitchen—Conversion of truck into kitchen—Installation of kitchen equipment—Readying and serving meals—Cleaning utensils—Safety precautions (9 min—1957—Film Reference).

10–35 Cooking Methods and Terms

Standardized terms, procedure, and recipes outlined in Army cooking manuals are covered—Procedure for using recipes and methods of cutting, mixing, preparing, and cooking are explained and illustrated (28 min—1958—Film Reference).

10–36 Warehousing Series—Part I—Storage Procedures

Explains primary functions, basic resources, and mode of operation of a military depot—Special and all-purpose warehouse storage facilities—Capacity and commodity factors in storage of supplies (21 min—1958—Film Reference).

10–37 Warehousing Series—Part II—Aisle Arrangement

Importance, purpose, and characteristics of aisles used in military storage areas—Covers main, cross, personnel, service, bin, and fire aisles—Stress on proper aisle arrangement for efficient operations (9 min—1958—Film Reference).

10–38 Warehousing Series—Part III—Bins, Racks, and Box Pallets

Construction, purpose, and types of items stored in each of the three storage aids—Organization and operation of a Retail Bin Area featuring

GF No.

layout of tiers and sections; stocking of items; supply procedures and replenishing bins (11 min—1958—Film Reference).

11–39 Manual Telephone Central Office AN/TTC–7

Discusses the capabilities and operation of the entire system, including nomenclature, functions, and operation of major components—Procedures for placing and completing various types of calls—Methods used to expand the system (18 min—1958—Film Reference).

19–30 Riot Control Formations—Part I—Squad Formations

Basic commands and steps to form the wedge, the echelon, and the line formations—Purpose of each—Stress on exact, precise execution (12 min—1957—Film Reference).

19–31 Riot Control Formations—Part II—Platoon and Company Formations

Purpose and execution of the wedge, the echelon, and the line (15 min—1957—Film Reference).

19–32 Riot Control Formations—Part III—Vehicles and Foot Troops

Composition of the Wedge, Echelon, and Line formations employing vehicles and troops—Commands used—Purpose of each formation (12 min—1958—Film Reference).

20–7 Smooth Operation

Smooth driving prevents accidents (15 min—1952—Commercial Adaptation).

20–8 Safety Record

A series of accidents culminated in the death of an employee—Thereafter an outstanding safety record is established in the plant (12 min—1952—Commercial Adaptation).

20–9 Two Steps to Safety

For safety in any job, know your job and know yourself (13 min—1952—Commercial Adaptation).

20–10 Let Habit Help

The importance of making safe habits a part of job performance (12 min—1952—Commercial Adaptation).

20–11 Get a Grip on Yourself

Importance of emotional stability to safety on the job (15 min—1952—Commercial Adaptation).

20–12 Decide To Be Safe

Importance of personal interest in safety programs—Normal safety precautions (12 min—1952—Commercial Adaptation).

20–13 Caution at the Cross Roads

Danger at intersections is increased by careless driving (11 min—1952—Commercial Adaptation).

20–14 Danger in Reverse

Driving in reverse gear involves extra hazards (8 min—1952—Commercial Adaptation).

GF No.

20–15 Too Close for Comfort

Minimum safe distances recommended between vehicles (8 min—1952—Commercial Adaptation).

20–16 Too Fast for Conditions

Safe driving controlled by road conditions rather than speed regulations (9 min—1952—Commercial Adaptation).

20–17 Wrong Side Suicide

Respect for the white line in the center of the road (11 min—1952—Commercial Adaptation).

20–19 Looking for Trouble

Maintenance measures prevent accidents (11 min—1952—Commercial Adaptation).

20–20 What Happened

Avoiding complications after an accident (8 min—1952—Commercial Adaptation).

33–27 Introduction to Psychological Warfare

Methods and techniques employed in psychological warfare support in military operations—Tactical, Strategic and Consolidation (16 min—1956—Color—Film Reference).

61–26 To Provide for the Common Defense

History, organization, traditions, and customs of the Army—Characterized by a civilian-military pattern—Explanation of administrative staff and its combat organizations—Needs and symbols for rank in commissioned and non-commissioned levels—Emphasis on the civilian role in this great organization (17 min—1954—Color).

50. Historical Reports

Historical reports (HR) of WW II arranged chronologically according to theater of operations.

HR No.

A–1 The Gilbert Islands

The Gilbert campaign—Strategic importance of the islands—Success of the campaign, and how it brought us one step closer to Tokyo (11 min—1949—Limited distribution).

A–5 Bougainville

Landing operation and subsequent capture of Bougainville in 1943 by American Forces of the 37th Division, 14th Corps, and 3d Marine Division (9 min—1948).

A–8 The Admiralty Islands

Landing in Feburary 1944—Subsequent capture of Admiralty Islands north of New Guinea by 1st Cavalry Division (16 min—1949).

A–10 The Marianas—Part I: Saipan

Invasion of Saipan in Marianas group in June 1944 by 2d and 4th Marine Divisions and 27th Army Division—Aerial and naval bombard-

HR No.

ment—Assault on beaches and fierce battle for control of strategic island—Battle of 5th US Fleet *vs* Japanese Fleet—Aftermath of banzai charge—Japanese suicide stands—Successful conquest of island for use primarily as bomber base (22 min—1949).

A–10A The Marianas—Part II: Guam

Landing and recapture of Guam Island in the Marianas in 1944—Operation a joint Army-Navy-Marine victory (13 min—1949).

A–11 The Battle of Leyte

Battle of Leyte Island—Gen MacArthur's return to the Philippines—Initial phases of invasion by US 10th and 24th Corps of 6th Army in October 1944—Japanese Navy and supporting air arm in suicidal attempt to destroy US 3d and 7th Fleets—American ground forces advance despite landing of Japanese reinforcements from nearby islands—Japanese resistance in Ormoc sector overcome and island secured by Christmas 1944 (26 min—1951).

B–15 D-day Convoy

Activities just prior to and including D-day—Movements of American troops from all parts to assembly areas at the various ports of embarkation, prior to the Normandy invasion (19 min—1948).

B–29 American Ninth Army—Aachen to the Roer River

Activities of the 9th Army from Aachen to the Roer River (31 min—1948).

B–30 American First Army—Aachen to the Roer River

Advance from Aachen to the Roer River by the 1st Army—Outfits that took part: 1st Division, 9th Division, 28th Division, 83d Division, 104th Division, and 3d Armored Division (29 min—1948).

C–1 Campaign in Sicily

The 15th Army Group, consisting of the American 7th Army and the British 8th Army, and its invasion of Sicily (20 min—1948).

C–2 Sicily to Naples

American and British forces, consisting of the American 6th Corps (of the 5th Army) and the British 10th Corps, set sail for the invasion of Italy—Captured German footage is included to show action on both sides (13 min—1948—Withdrawn from all types of public exhibition).

C–3 Naples to Cassino

The drive from Naples to Cassino—Battle of San Pietro and the subsequent storming of Cassino (26 min—1948).

C–8 Invasion of Southern France

Invasion of southern France by the 7th Army and subsequent junction with the American 3d Army in northwest part of France (22 min—1950).

E–7 Military Pipeline System (CBI Theater)

Achievements of American troops who built a desperately needed pipeline under extremely hazardous conditions and difficult terrain (23 min—1948).

51. Joint Civilian Orientation Conference Film

This film was released with neither prefix number or category designation.

JCOC No.

Film Provide for the Common Defense

Highlights of the Joint Civilian Orientation Conference held at The Pentagon (14 min—1957—Distribution to Central Film and Equipment Exchanges in CONUS and overseas).

52. Miscellaneous Films

Miscellaneous films (MF or Misc) are films which do not conform completely to Department of the Army doctrine. A change has been made in the designation of these films from "MISC" to "MF" plus the appropriate numerical prefix.

MF No.

3–7867 (*See* page 59.)

3–7904 through 3–7907 (*See* page 59.)

3–7908 Body Armor (U)

(8 min—1951—Limited distribution—Further distribution must be authorized by OSG—Film is classified CONFIDENTIAL.)

3–8937 Antipersonnel Biological Warfare (U) (U.S. Army Chemical Corps Technical Film Report No. 52)

(30 min—1958—Color—Film is classified SECRET.)

5–959 Alaska Highway

Construction of 1,500 miles of Alaskan Highway—From felling the first tree to final completion of highway (31 min—1944—Color).

5–1229 Grass and Brush Fire Fighting

Citizens of range country communities organize as fire fighters—Effective methods of fire fighting with common tools (29 min—1945—Color—From Dept. of Agriculture).

5–1235 The Atom Strikes

First experiments blast set off in New Mexico—Aerial views of the bombing of Hiroshima and Nagasaki—Close-ups of devastation in the two Japanese cities (31 min—1946).

5–1322 Chemistry of Fire

Fuel, oxygen, and ignition temperature necessary to produce fire—Difference between flash point and ignition point of fuels—Two ways of extinguishing a fire (44 min—1947—From Navy Film MN 61–A).

5–1344 Task Force Williwaw

Cold weather tests of personnel and equipment in Aleutian climate (41 min—1947).

5–7646 Adding or Removing Refrigerant

Checking domestic refrigeration system for lack of refrigerant—Adding refrigerant by weight—Adding an unmeasured amount of refrigerant—Removing refrigerant (17 min—1950—From Office of Education Film No. 441).

MF No.

5–7647 Removing and Installing a Compressor or Condenser

Disconnecting and removing compressor in home refrigerator—Disconnecting stuck compressor—Removing and installing condenser (17 min—1950—From Office of Education Film No. 442).

5–7649 Adjusting and Checking the Expansion Valve

Design and operation of bellows type automatic expansion valve—Adjusting, checking, and servicing bellows type valve (22 min—1950—From Office of Education Film No. 444).

5–7651 Checking the Electrical System

Checking and servicing overheated motor in domestic refrigerator—Checking stalled capacitor or repulsion and induction motor—Motor control disorders—Range and differential adjustments (18 min—1950—From Office of Education Film No. 446).

5–7653 Adjusting and Repairing the Thermo Expansion Valve

Theory of multiple refrigeration system—Testing and adjusting thermo expansion valve—Recognizing trouble—Servicing (12 min—1950—From Office of Education Film No. 448).

5–7654 Adjusting Pressure-actuated Temperature Control Devices

Purposes of pressure-actuated temperature control devices—Adjusting pressure-actuated motor control (16 min—1950—From Office of Education Film No. 449).

5–7656 Servicing Water Cooled Condensers

Theory of counterflow condenser—Essential elements of water-cooled system—Operation of electric water valve (12 min—1950—From Office of Education Film No. 451).

5–7657 Making and Repairing Tubing Connections

Straightening copper tubing—Working, cutting, and dressing copper tubing—"Sweating in" connector to cover a break (18 min—1950—From Office of Education Film No. 452).

5–7709 Hose Line Evolutions and Hose Line Equipment

Two parts—"Hose Line Equipment" and "Methods of Handling the Hose"—Hoses, couplings, adapters, nozzles, and accessories (30 min—1950—Distribution limited to ZI—Commercial Adaptation).

5–8009 Model 44–C Ditcher (Barber-Greene)

Operation, variety of uses, and transporting of machine—Ditcher is capable of traveling forward or backward and of digging trenches 18 to 24 inches wide and as deep as 8 feet—Performs efficiently and quickly in hard coral or soft soil (18 min—1952—Color—Distribution limited to ZI—Commercial Adaptation).

5–8221 Keep 'Em Running With Standardization

A report on engines and engine parts, the people who maintain them, design them, and use them—Labor, management, and military aspects of standardization program—Advantages of standardization and interchangeability of parts (13 min—1954—Color—Commercial Adaptation).

MF No.

5–8275 Maps for the Army

Depicts methods used by Royal Canadian Engineers to produce topographic maps—Shows mapping of 4,500 square mile area in the Yukon (38 min—1954—Color).

5–8279 Engineer Mission

Accomplishments in peace and war of the Corps of Engineers from the Revolutionary period to the post-Korean conflict (26 min—1954).

5–8567 Before They Happen (Fire Prevention)

Dramatizes the services of fire prevention inspectors (14 min—1955—Distribution to central film libraries and exchanges in CONUS and overseas—Commercial Adaptation).

5–8658 Care and Maintenance of Fire Hose

Types and features of hose—Mechanical and chemical injuries—How to clean, inspect, and store—How to load on fire trucks—Care during and after fires (21 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

5–8854 Engineers in Combat—World War II

Engineer mission in combat—Training at Engineer School, Ft. Belvoir, Va.—Engineer activities during WW II in the European and Pacific Theaters of Operation (24 min—1957—Replaces FB 5–119 which is obsolete).

5–8954 The Big Picture—The Engineer Supply Mission

Describes engineer tasks and mission in terms of national security—Types, use, and care of engineer equipment—Use of EDPS (electronic data processing systems) for inventory control—Supply procedures—Purpose, accomplishments, and benefits of Engineer Standardization Program (29 min—1958).

6–7900 Fire—Artillery Action in Korea

Tanks supported by dirt ramps substituted for artillery in early stages of Korean conflict—Artillery later stemmed advance of communist enemy—US infantry troops supported by 105-mm howitzer—Information relayed from reconnaissance aircraft and observation posts to fire direction center—Fire missions established and relayed to artillery batteries—Artillery supports infantry in defense and attack (14 min—1952).

7–918 This is The Infantry

Foot soldier in training and in combat (10 min—1944—Film Reference).

7–1297 Sixth Infantry Division

Sixth Infantry Division in operations at Maffin Bay—Bloodiest 10 days in the New Guinea campaign (20 min—1948).

7–7898 Men Against Tanks

Adaptation of German army training film made during WW II—Methods by which infantrymen destroyed Russian T–34 tanks—Well trained infantry formidable opponent against armor (15 min—1952).

MF No.

7–8278 Infantry Operations in Mountains

Nature of mountain terrain and special problems of offensive and defensive operations—Factors include character of mountain weather physiological and psychological adjustment of troops to altitude, and difficulties in communication and command—Mobility of weapons affected—Air and artillery assistance and medical support expedite operations (38 min—1954—Film Reference).

7–8318 Machine Gun Clinometer M1917

Characteristics and application of machine gun clinometer M1917 (7 min—1955—Film Reference).

7–8319 Position and Grip, Machine Gun M1919A6 on M2 Tripod

Cal .30 light machine gun M1919A6 on M2 tripod is used to demonstrate the correct position and grip required to fire the weapon safely and effectively (3 min—1955—Film Reference).

7–8320 Headspace Adjustment Machine Gun, Cal .30

Showing how to place the correct headspace adjustment on the Browning machine gun, cal .30 (4 min—1955—Film Reference).

8–1044 Air Operation, Lae and Salamaua

Ground and air operations in Lae, Salamaua section, New Guinea—Evacuation of wounded—Americans relieving Aussies—Difficult terrain—Concentrated air power—Planning for and attack with B–26's (32 min—1944—Requires special authorization for distribution—From Air Force Film AFC 410).

8–1046 Silent Battle

Malaria—A study of the disease and its carrier, the mosquito—Habits of mosquito—Control (45 min—1944—Film Reference—From Australian Film AC 3).

8–1081 Rehabilitation in the European Theater of Operations

Reconditioning of patients in the ETO—Complete program of rehabilitation from time patient enters hospital until he is able to join his old fighting unit (29 min—1944—Film Reference).

8–1129 Diary of a Sergeant

Sgt Russell, who lost both hands in the service of the US on D-day, rehabilitated in army hospital—Progress and spirit representative of medical advances made in such cases (23 min—1945—Film Reference).

8–1132 Behind the Shop Drawing

Importance of drawings for industrial production—Isometric, orthographic projection, perspective and cross-sectional drawings—Indicating dimensions and specifications (16 min—1945—Distribution to CONUS only—From Navy Film MN 37).

8–1230 Schistosomiasis (Snail Fever)

Cause and preventive measures of this tropical disease (10 min—1945).

8–1248 Plague Control

Problems created by plague—Types, carriers, and characteristics of the disease—Control and preventive measures—Programs for rodent and flea control—Preventive measures among troops and

MF No.

civilian population (22 min—1946—Color—Film Reference—From Navy Film MN 4049).

8–1249 The Sky is the Limit

Rehabilitation phases of above-the-knee amputee—Walking technique for individuals with two normal lower extremities and for a unilateral AK amputee—Potential capabilities of patient (12 min—1946—Color—Film Reference—Commercial Adaptation).

8–1254 Half a Chance

Orthopedic rehabilitation—Successful rehabilitation of Lt Bert R. Shepard, USAF—Assisting amputees in personal psychological adjustments (11 min—1946—Film Reference).

8–1343 Principles of Refrigeration

Physics of heat transfer—Refrigeration as method of heat transfer—Compression and absorption system (20 min—1947—From Office of Education Film No. 360).

8–1383 Quality Milk Production

Production of quality milk—Feeding and sanitation—Cleanliness (33 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).

8–7897 The Medical Effects of Nuclear Radiation

Defense against atomic weapons—Analogy of effects of sun bathing on the body to demonstrate effects of nuclear radiation—Nature and potency of gamma, alpha, and beta particles—Physical symptoms following bodily exposure—Medical destructiveness of atomic blasts—Atomic bomb's total destructiveness—Limits of atomic bursts (21 min—1952—Color—Film Reference).

8–7996 Artificial Respiration—The Back-Pressure Arm-Lift Method

Techniques employed in administering artificial respiration by means of the back-pressure arm-lift method—Importance of starting speedily and maintaining steady rhythmic continuous action—Three alternate methods of artificial respiration (17 min—1953—Film Reference—From Navy Film MF 7484).

8–8149 Fire and Your Hospital

Fire safety problems in hospitals—Fire hazards—Basic precautions to prevent disaster—Need for fire safety programs—Developing an efficient plan—How each department reacts to a fire alarm—Saving patients—Reducing spread of fire (23 min—1953—Film Reference Distribution limited to CONUS—Commercial Adaptation).

8–8212 Aeromedical Evacuation

Military air transport service has the responsibility of returning from overseas wounded military personnel to hospitals in CONUS—Description of each phase of aeromedical evacuation operations—Inbound and outbound movements (38 min—1954—From Air Force Film TF 1–4833).

8–8222 Labor and Childbirth

Story of a young couple expecting their first child—Before and during labor, delivery, and post partum period in the hospital (17 min—1958—Commercial Adaptation).

MF No.

8–8229 Insect Repellent—I

Proper clothing and use of insect repellent to ward off disease-carrying mosquito (4 min—1955).

8–8230 Insect Repellent—II

Importance of proper clothing and use of insect repellent to ward off scrub-typhus fever (4 min—1955).

8–8231 Insect Repellent—III

Use of insect repellent to prevent contracting sleeping sickness, a mosquito-borne disease (4 min—1954).

8–8232 Native Food Hazards—Part I

Dangers of eating native (foreign) foods (3 min—1954).

8–8233 Native Food Hazards—Part II

Typical foods illustrate the presence of disease-carrying bugs in native (foreign) foods (3 min—1954).

8–8234 Native Food Hazards—Part III

Dangers of eating native (foreign) foods (3 min—1954).

8–8235 Frostbite—I

Dangers of frostbite—Necessary precautions to safeguard health of feet and ward off frostbite during cold weather operations (5 min—1955).

8–8236 Frostbite—II

Responsibility of soldier during cold weather operations to prevent cold injury to ears, nose, and fingers (5 min—1955).

8–8237 Mess Sanitation—Part I

Proper garbage disposal facilities prevent spread of dysentery germ (4 min—1954).

8–8238 Mess Sanitation—Part II

Importance of cleanliness before and after eating (4 min—1954).

8–8239 Mess Sanitation—Part III

Proper care of mess kits before and after chow will prevent dysentery (5 min—1954).

8–8240 Bednetting—Part I

Dangers and control of mosquito-borne diseases to soldiers in the field (5 min—1954).

8–8241 Bednetting—Part II

Proper use of bednetting and insect repellents to ward off disease carrying mosquitoes (5 min—1954).

8–8379 Prenatal Care

Portrays three women in normal pregnancy through the 9-month period—Recommended exercise, clothing, diet, and reportable symptoms are presented (23 min—1954—Commercial Adaptation).

8–8380 Postnatal Care

Shows the mother in her hospital room exercising, caring for, and nursing her baby—Diagrams show how the mother's body returns to normal (12 min—1958—Commercial Adaptation).

MF No.

8–8381 A Normal Birth

Film shows the birth of a child, from the time the mother enters the delivery room until she leaves it (12 min—1958—Commercial Adaptation).

8–8564 Nurses in the Army

Pictorial report of the great service performed by the Army nurse, both in war and peace—Hardships and dangers she faced during WW II and the Korean War (27 min—1955—Distribution primarily to central film libraries and exchanges).

8–8663 Baby Meets His Parents

Film shows how personalities are influenced by heredity, human relationships, and environmental factors (11 min—1958—Commercial Adaptation).

8–8664 Heredity and Prenatal Development

Gives explanation of chromosomes and genes in determining sex and in transmitting physical and mental traits to offspring—Modification of these traits by training and environment—Traces the development of the fetus until delivery (21 min—1958—Commercial Adaptation).

8–8665 Human Growth

Traces human growth for mating through the adult form—Emphasizes differences in male and female structural development (19 min—1958—Color—Commercial Adaptation).

8–8675 Organized Mosquito Control

Control measures used for major breeding areas, in urban areas and in individual homes—Stress on value in prevention of disease (15 min—1956—Color—Distribution to central film and equipment exchanges in CONUS and major oversea commands for Medical Service personnel—Commercial Adaptation).

8–8791 Behavior of Wild Norway Rats

Manual abilities and modification of surroundings, maturation into adult society, territorial defense and sexual behavior (28 min—1957).

8–8932 Rabies Control in the Community

Describes how rabies is introduced in the community, how it effects animals and humans, and how it can be eliminated from the community—Requirements for implementing an effective rabies control program are outlined—Effective control program must have backing of the public (12 min—1958—Distribution to central film and equipment exchanges in CONUS, USAREUR, and EUSA—Commercial Adaptation).

9–1089 The Diesel Engine

Ignition by compression—Basic diesel engine types—Forms of air headers and fuel injectors—Diesel types used in submarines (29 min—1944—From Navy Film MN 42–A).

9–1090 Construction of the Diesel Engines

General structure of several types of diesel engines—Different frame types, cylinder parts, pistons, piston rings, connecting rods, crank-

MF No.

shafts, bearing, camshafts, and rocker assemblies (17 min—1945—From Navy Film MN 43).

9–1091 Diesel Engine Governors

Operation of governors—Overspeed, overspeed trip, and regulating governors (14 min—1944—From Navy Film MN 44–A).

9–1157 Inside of Arc Welding—Part I: Fundamentals

Correct and incorrect methods of striking an arc—Quality of weld affected by length of arc—Angle of electrode—Combination of voltage and amperage—Speed of travel (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9–1158 Inside of Arc Welding—Part II: Flat Position

Flat position electric welds—Effects of changing current, electrode angle, speed of making weld, and arc length (11 min—1945—Color—Distribution to ZI—Commercial Adaptation).

9–1159 Inside of Arc Welding—Part III: Horizontal Position

Horizontal position welds—Effects of changing current, setting, electrode angle, speed of making weld, and arc length (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9–1160 Inside of Arc Welding—Part IV: Alternating Current in Flat and Horizontal Positions

Advantages of alternating current in reducing arc blow—Making flat and groove welds in both flat and horizontal positions (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9–1161 Inside of Arc Welding—Part V: Vertical Position

Vertical and groove welds—Importance of current setting, electrode angle, arc length, and speed of travel (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9–1162 Inside of Arc Welding—Part VI: Overhead Position

Overhead weld—Four factors contributing to quality of a weld—Techniques for making overhead, fillet, and groove welds (11 min—1945—Color—Distribution limited to ZI—Commercial Adaptation).

9–1199 Let's Look at Ordnance

Role of ordnance troops—Ingenuity in devising ways and means to provide full-scale maintenance operations (20 min—1945—Film Reference).

9–1255 Ordnance Service in an Oversea Theater

Operation of the ordnance service in China-Burma-India Theater (37 min—1946).

9–1286 Defense of Antwerp Against the V–1

Antwerp from the time of its capture by Nazis to its liberation by allied forces—Subsequent battering by the V–1 bomb—Port saved by American and allied gunners, using a shifting defense strategy known as Antwerp X (21 min—1947).

9–1330 The German A–4 Rocket, Operation Backfire (U)

(40 min—1948—Film is classified CONFIDENTIAL).

MF No.

9–1360 Task Force Frigid

Cold weather test of personnel and equipment in Alaska at −60° F (37 min—1948).

9–7501 Machine Shop Work—Bench Work—Scraping Flat Surfaces

Operations, methods, and procedures employed in hand scraping flat surfaces—Five common forms of hand scrapers (14 min—1954—From Office of Education Film No. 35).

9–7890 Physical Facilities

The four essential steps in organizing physical facilities for a new enterprise (11 min—1952—Distribution limited to ZI).

9–7891 Materials Control

Three materials control functions of management described (11 min—1952—Distribution limited to ZI).

9–7892 Internal Organization

Fundamental purposes and basic principles of business organization—Several organization types discussed (12 min—1952—Distribution limited to ZI).

9–7940 The Great Gun

Complete mobility and ease of operation of 280-mm gun—Technical superiority over convential field artillery pieces (12 min—1952—Distribution limited to central film libraries in ZI).

9–8139 Corporal (U)

(15 min—1952—Color—Distribution limited to Army Service Schools training in Atomic Warfare and CFL's in CONUS—Film is classified CONFIDENTIAL).

9–8140 Project Honest John Field Test First Phase (U)

(11 min—1952—Color—Distribution limited to Army Service Schools training in Atomic Warfare and CF & EE's in CONUS—Film is classified CONFIDENTIAL).

9–8175 NIKE System Test (U)

(13 min—1953—Color—Distribution limited to Central Film and Equipment Exchanges in CONUS and certain Artillery and Guided Missiles organizations specified by higher authority—This film is classified CONFIDENTIAL).

9–8191 White Sands Proving Ground

Used as a testing range for armed services for guided missiles research—Typical engineering evaluation of NIKE—Recording and evaluating test data—Camouflage techniques for guided missile installation (22 min—1953—Color).

9–8260 Project Stalk

Research study of M43, M47, M47E1, T-41E2, and M48 tanks at Camp Irwin to determine time required by American tank to hit a target—Tests included training, practice, and firing at test course (17 min—1954).

MF No.

9–8335 Machine Shop Work—Operations on the Lathe—Turning a Taper with the Tailstock Set Over

Calculating tailstock offset for cutting tapers—Offsetting the tailstock—Turning a taper with the tailstock set over (18 min—1954—Commercial Adaptation).

9–8336 Machine Shop Work—Basic Machines—The Shaper

Functions, characteristics, and fundamentals of operation of the shaper (15 min—1954—From US Office of Education Film No. 70).

9–8338 Machine Shop Work—Bench Work—Cutting Threads With Taps] and Dies

Methods, operations, and procedures employed in cutting small threads—Cutting external threads with hand dies and internal threads with hand taps (19 min—1954—From US Office of Education Film No. 34).

9–8339 Machine Shop Work—Bench Work—Reaming with Straight Hand Reamers

Operations, methods, and procedures employed in reaming with staight hand reamers (20 min—1954—From US Office of Education Film No. 37).

9–8428 Motor Mania

Showing how a driver can forget how he acts as a pedestrian when he is behind the wheel (8 min—1955—Color—Commercial Adaptation).

9–8550 Safety of Welders (Use of Welding Protective Equipment)

Use of protective clothing and equipment to prevent eye injuries, skin burns, and metal fume poisoning (7 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1921G).

9–8569 How Not to Conduct a Meeting

Common errors and omissions encountered in poorly planned meetings—Typical faults depicted: poor acoustics, poor ventilation, interruptions, and inadequate planning (10 min—1955—Distribution to central film libraries in CONUS—Commercial Adaptation).

9–8704 White Sands Proving Ground—Report No. 3 Search into Space

Operation of electronic and optical instrumentation used by Flight Determination Laboratory to observe, record, and evaluate missile flight test data (21 min—1956—Color).

9–8705 White Sands Proving Ground—Eyes of The Range Film Report—I

Mission of Systems Engineering Branch at Holloman Air Research Center—Research and development activities on current missile test instrumentation (21 min—1956—Color).

10–1168 Railroaders Always

Railroads in war—American railroad men and the most efficient railroad service in the world (18 min—1945).

10–1317 Decision

Four choices of disposition of remains next of kin may make—Permanent burial in either a private or military cemetery overseas—

MF No.

Return to US for burial in either private or national cemetery—Army's method to determine which family member is the legal next of kin (16 min—1947—Distribution limited to ZI only).

10–1337 Exercise Musk Ox

Canadian Army expedition from Churchill to Coppermine, on to Port Norman, and down Alaskan Highway—Equipment and preparations for trip—Difficulties encountered—Heavy demands on fuel supplies—Summary of results (58 min—1947—From British Film C 4533).

10–1339 Food for Thought

Statistical comparison of food consumption by average American soldier and average European—Food loss—Conservation (5 min—1948—Film Reference—Also included in AFSR 88).

10–1362 Fundamentals of Diet

Functional classification of food—Examples of food in each classification—Results of deficient diet (11 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).

10–1363 Principles of Cooking

Fundamentals—Boiling, frying, broiling, roasting, and steam cookery—Changing food properties by application of heat—Nutritive values and palatability—Changes in starches and meat when heat is applied (11 min—1947—Film Reference—Distribution limited to ZI—Commercial Adaptation).

10–1377 Tremendous Trifles—Coffee Urns

Correct and incorrect methods of brewing coffee—Importance of coffee to success of commercial restaurant (24 min—1948—Film Reference—Commercial Adaptation).

10–7527 Mechanical Refrigeration and How It Works

Mechanical operation of refrigeration plants—Basic laws of physics—Step-by-step description of refrigeration in law of heat flow, evaporation, and condensation—Use of various refrigerants—Advantages and disadvantages—How latent heat is used to bring about a cooling process (23 min—1948—From Navy Film MN 2246–A).

10–7578 Maintenance of Fixed Laundry Equipment

Maintenance factors—Records to determine efficiency, proper periodic checking of equipment, and stocking spare parts—Regular lubrication, cleaning, inspection, and adjustment of equipment (8 min—1949—Color—Film Reference—Commercial Adaptation).

10–7582 Materials Handling of Unit Loads

Advantages of using pallets, skids, trailers, and similar equipment for moving and stacking various types of materials (11 min—1949—Film Reference).

10–7842 Operation Airborne

Advantage of C–124 (Globemaster) as cargo hauler—Loading of pallet-train method—Cargo space—Auxiliary floor permitting pas-

MF No.

senger transport even when plane is cargo-loaded—Carrying capacity, troop, and cargo—Troop safety factor (22 min—1951—Film Reference—Distribution limited to ZI—Commercial Adaptation).

10–7937 Quartermaster at Work

Responsibilities of the Quartermaster Corps in maintaining the life line of the fighting strength by supplying the army with food, clothing, fuel, and fighting equipment—Importance of aerial supply operations—Effectiveness of delivery of supplies by airdrop (19 min—1952—Film Reference).

10–7941 Battlefield Evacuation of Deceased Personnel

Instructing graves registration personnel in techniques of search, recovery, identification, and evacuation of deceased personnel on the battlefield—Efficiency, dignity, and respect in all stages of the work (8 min—1953—Film Reference).

10–7942 Processing of Remains and Interment in Temporary Military Cemeteries

Procedures followed by graves registration personnel in processing of remains and interment in temporary military cemeteries—Methods of identifying remains—Importance of careful recording of identification data—Proper disposition of personal effects—Respectful military burial service befitting those who died on the field of battle (9 min—1953—Film Reference).

10–7943 Search and Recovery of Deceased Personnel

Instructing graves registration personnel in techniques of search, recovery, and identification of deceased personnel on the battlefield—These solemn responsibilities are carried out with care, dignity, and respect to our honored dead (7 min—1953—Film Reference).

10–8451 Care of Tentage

Carrying tent—Removing tent from cover—Handling and storing cover—Preparing tent site—Pitching, inspecting, and adjusting tent—Striking, folding, and storing (8 min—1955).

10–8452 The QM Field Laundry

Various phases of QM field laundry operation—Requirements for laundry site—Laundering process (9 min—1955).

10–8453 Mobile Field Refrigeration

Characteristics and application of the Brown Model QST–120 mobile field refrigeration unit—Capable of carrying 7½ tons of perishable supplies—Operation of components of the unit—Proper loading methods (11 min—1955).

10–8501 QM Operation in Europe

Mission, responsibilities, and activities of the Army Quartermaster Corps in Europe (27 min—1955).

10–8551 Meat Cutting By Rail Method

Shows the step-by-step procedure for cutting a hindquarter of beef using rail method—Advantages over table method (15 min—1956).

MF No.

10–8720 Self Service Supply Center

New Army Supply concept of the "Self Service Supply Center"—Operation of the center—Advantages of new system over old (24 min—1957—Film References).

10–8722 Site Selection and Movement of Quartermaster Non-Divisional Units

Elements considered in site selection, timely movement, and efficient supply operations—overall operational and defense plans (24 min—1957—Film Reference).

10–8724 Recovery of Quartermaster Air Type Equipment

Recovery and maintenance of ¾ ton truck, A–22 Aerial Delivery Container with 1-ton load, A-7A Aerial Delivery Container with 500-lb load; and 6,000-lb load-bearing platform (21 min—1957—Film Reference).

10–8726 Quartermaster Inspection and Maintenance of Air Type Equipment

Relative to T–10 and T–7A Parachutes inspection, and rigger check by parachutists, inspection by jumpmaster, Shake-out, inspection before repack, repair and inspection at maintenance shop (19 min—1957—Film Reference).

10–8727 Extraction of Heavy Equipment from Aircraft in Flight

Components of aerial delivery kit; rigging procedures; how load is extracted from aircraft (17 min—1957—Film Reference).

10–8878 Classification of Quartermaster Property

Explains classification system—Seven categories are defined: A-New; CS-Combat Serviceable; C-Unserviceable Repairable; D-Unserviceable Unrepairable; X-Secondary Purpose; UC-Unclassified; U-Unidentified (7 min—1958—Replaces MF 10–8450 which is obsolete).

11–1001 At the Front in North Africa

History of the African campaign, WW II—Story of a tank convoy from the day it lands until it engages the Nazis—African scenery—Arabs and natives in coastal cities (79 min—1943—Film Reference).

11–1006 Report from the Aleutians

Americans soldiers in the battle of the Aleutians—American airmen drop bomb loads on Kiska and Japanese installations (40 min—1943—Color).

11–1016 The Cathode-ray Oscilloscope

Purpose and general principles of operation of the cathode-ray oscilloscope—Operating checks (24 min—1944—Film Reference—From Navy Film MN 2104–B).

11–1032 Photo Flash Photography—How It Works

Two principal types of camera shutters—Between-the-lens and focal plane—Characteristics of flash lamp required by each—Operation of synchronizer—Special flashlight for speed, color, daylight, and infrared photography—Importance of reflector—Care and maintenance of equipment (27 min—1944—Film Reference—Commercial Adaptation).

MF No.

11–1086 Radar Jamming

Types of interference patterns—Jamming originating from ships at sea, land-based stations, or aircraft—Distinguishing jamming from regular patterns—Countermeasures (31 min—1944).

11–1087 Radio Technician Training Series—Capacitance

Flow of electrons through a circuit—Charging and discharging a capacitor—Variations of charge on a capacitor in relation to time—Behavior of capacitance with alternating current (31 min—1944—Film Reference—From Navy Film MN 1540–A).

11–1088 Radio Technician Training Series—Parts I and II: Inductance

Reaction of magnetic force around a coil—Self-inductance—Increasing inductance of a coil (34 min—1944—Film Reference—From Navy Film MN 1540–B).

11–1151 Sonic Deception (U)

(29 min—1945—Limited distribution—Further distribution must be authorized by OCSigO—Film is classified CONFIDENTIAL).

11–1231 Pro Patria Vigilans (Training and Operation of Signal Corps Units in WW II)

Functions and activities of the Signal Corps in WW II—Important achievements—Signal Corps participation in all phases of warfare—Submarine cables, teletypewriter, telephone carrier service, motion picture production and distribution—Recent developments in radar (22 min—1945—Film Reference).

11–1331 Exercise Polar Bear

Canadian, British, and US observers move into remote regions, solving new supply and transportation problems—Working out tactical maneuvers—Use of snowmobiles—Cooperation of the Royal Canadian Air Force (71 min—1947—Film Reference).

11–1332 Exercise Eskimo

Effects of extreme cold and snow on a combined military exercise in Northern Canada during the winter of 1944–45—Influence of weather extremes on operating effectiveness of men, equipment, supplies, mobility, communication, maintenance, and other phases of military tactics—Force Eskimo advances to take objective and then makes retrograde movement to initial point of departure (61 min—1947).

11–7710 Science and the Signal Corps

Importance of the Signal Corps' mission in modern war—Research and development laboratories originate and perfect both equipment and techniques—Phases of engineering work—Basic research—Efforts to integrate wire and radio—Simplification of equipment—Development of new equipment—Intensive testing of equipment and techniques (19 min—1950—Film Reference).

11–7754 Facts About Film

Physical makeup of motion picture film—Mechanics of projector—Proper treading—Examples of film scratches, cinch marks, and image jumping—Care in use of film in projector—Proper splicing (10 min—1951—Commercial Adaptation).

MF No.

11-7803 Your Job in the Signal Corps

Role of communications in keeping US Army an integrated unit during WW II—Signal Corps job today—Planning and devising new communications systems—Science and engineering—Meteorology—Radar—Training of officer and enlisted personnel—Industrial Mobilization Program—Handling of contracts by Signal Corps Procurement Agency—Storage and distribution of Signal equipment and supplied by signal depots—Responsibility of Signal Corps for communications in Alaska—Functions of Army Pictorial Service—Operation of Signal Corps Pictorial Center—Importance of communications for future (20 min—1951—Film Reference).

11-7883 Operation Inchon

Amphibious landings on Korean west coast—Main supply lines of communists cut off—South Korean capital Seoul freed—Enemy resistance shattered—Participation of all services (18 min—1952).

11-7889 Basic Portraiture Lighting

Four fundamental lighting positions used in photographic portraiture—Armed forces portraiture—Newsreel technique (13 min—1951).

11-7899 Operation Carpetbagger (U)

(16 min—1951—Limited distribution—Further distribution must be authorized by OCSigO—Film is classified SECRET).

11-7915 Preventive Maintenance of Signal Equipment for Commanders

Values, methods, and procedures of efficient signal communication operation—Utilizing echelon checklists—FITCAL, intelligent key to effective maintenance (15 min—1952).

11-8054 The Step by Step Switch—197-type Selector (Parts 1, 2, and 3)

Part 1—Importance, complexity, and cost of switching equipment—Illustrates path of a call—Importance of maintenance practices.

Part 2—Mechanical functioning under various conditions of adjustment.

Part 3—Circuit operation during vertical and rotary stepping (69 min—1954—Commercial Adaptation).

11-8208 Drop Wire Runs—Part I

Purpose of drop wire runs—Importance of using standard procedures in installation and maintenance—Frequent causes of drop wire failure—Effect of sag on tension (16 min—1954—Commercial Adaptation).

11-8209 Drop Wire Runs—Part II

Installation of drop wire from house to terminal pole with no interference—Installation of drop wire from house to span clamp with tree interference—Installation of drop wire from house to terminal pole across street with no interference—Installation of drop wire from house to pole on rear lot property line then to terminal pole one span away with problems of garages, fences, and gardens (30 min—1954—Commercial Adaptation).

11-8210 "T" Zone Inspection

Purpose, value, and method of making inspections of cable adjacent to terminals (the trouble or "T" zone)—Common causes of cable

MF No.

failure and how to detect, report, repair, and prevent such damage—Sources of trouble in aerial and block cables (18 min—1954—Color—Commercial Adaptation).

11–8378 AA Defense System AN/GSG–2 (U)

(33 min—1954—Distribution limited to film libraries at certain Class II installations—Film is classified SECRET).

11–8399 Electronic Countermeasures Airborne Signal Analyzing Equipment AN/APA–74 (U)

(22 min—1954—Limited distribution to F&EE, Ft Monmouth, NJ M/F Use by: The Signal School; F&EE, Ft Huachuca, Ariz. M/F Use by: Army Electronic Proving Grounds—From Navy Film MN 7897–A—Film is classified CONFIDENTIAL).

11–8634 Origins of the Motion Picture

Traces development of motion picture photography and projection—From cave drawings to Edison's recording and projection machines (21 min—1956—From Navy Film MN 8103).

11–8674 Engineer and Standards Program—Experimental Rating Film No. 1

Work Space studies of 3 operations—Assembling sheets, working adding machines, and posting cards (10 min—Silent 16 FPS—1956).

11–8703 Engineer and Standards Program—Experimental Rating Film No. 2

Work pace studies of two operations—Testing bulbs and loading cards (5 min—Silent 16 FPS—1956).

11–8842 Security and You

Aimed at personnel concerned with classified projects—Stresses importance of human reliability for national security (18 min—1957—Color—From Armed Forces Special Weapons Project Film—AFSWP Film 30–55–56—Limited number of prints distributed to installations specified by OCSigO).

11–8923 Missile Master—AN/FSG–1 Antiaircraft Defense System—Engineering Report No. 9627

Film explains the role and operation of the Army's Missile Master System—Designed to function as the communications and intelligence center of our AA defense system—NIKE practice alert with and without Missile Master—Emphasizes that it is capable of operating independently and with other weapons as well as NIKE (13 min—1958—Color—Distribution to central film and equipment exchanges in CONUS—USA Signal Air Defense Engineering Agency (9584)).

11–8924 Signals for Missiles

Scope and complexity of U.S. Army Signal Agency operations in guided missile research and development—Equipment, methods, and procedures used with missile control and flight tests, test analysis, and missile geophysics (20 min—1958—Color—Limited number of prints distributed to Army Film and Equipment Exchanges).

12–7841 Recreation Center Operation

Activities at a typical recreation center in US—Outdoor and indoor games, boating trips, fishing parties, nursery and children's service—Dancing and social activities—Supply economy in handling special services equipment (13 min—1951—Film Reference).

MF No.

12–7936 The Soldier at Leisure

Discusses the nonathletic leisure program designed by Army Service Clubs to stimulate the interest of servicemen (14 min—1952—Film Reference).

12–7944 Army Records Administration

Proper maintenance, utilization, preservation, retirement, and disposal of all types of record material—Duties and responsibilities of records administration (23 min—1953—Film Reference).

12–8151 It's Your Future

Recruitment film made for the purpose of encouraging re-enlistment of soldiers (15 min—1953).

12–8201 A Look Ahead

Surveying the opportunities and advantages of the army as a career—*To be shown only to soldiers whose enlistments are about to expire*—A means of encouraging their re-enlistment (27 min—1954).

12–8669 90 Day Wondering (Re-enlistment)

Designed to encourage re-enlistment in the Army—Draws a comparison of advantages of military service over civilian life (9 min—1956—Color).

12–8732 The Army Dental Service (For Recruiting Dental Personnel)

Advantages of the service from professional and personal aspects—Clinical, laboratory, research, and teaching activities (26 min—1957—Color).

12–8733 Army Residency Program (Recruiting)

Designed for recruiting doctors—Features and facilities of program—How it develops a broader professional scope (22 min—1956—Distribution to each Army Headquarters in CONUS).

12–8765 Your Bright Tomorrow (Recruiting—Women Army Medical Specialists)

Designed to attract women college graduates to train as dieticians, physical therapists and occupational therapists—Emphasizes professional and personal advantages of service in these occupational fields (20 min—1957—Color—Distribution to CONUS AF & EEs).

12–8766 Executive Wanted (Recruitment of WAC Officers)

Designed to attract women college graduates into Service as WAC officers—Describes advantages of an "executive" career in the Service (24 min—1957—Color).

12–8767 Harry's Hat Hangs High

Aimed at NCOs—Fundamentals and value of NCO leadership—Role of NCOs in training and keeping men in the army (21 min—1957—Color).

16–1346 The First Easter

Easter narrative taken from the Gospels (22 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1347 Where Love Is, God Is

Tolstoy's story of cobbler who turned against his religion and his friends in bitterness over death of his child—The Bible as the solution

MF No.

to the problem (33 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1348 Life of St. Paul

The Road to Damascus (12 min)—The way of salvation (25 min)—Faith triumphant (22 min)—Grace of forgiveness (27 min)—Crown of righteousness (24 min)—Series of film on life of St. Paul as recorded in Book of Acts and St Paul's Epistles (110 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1349 2,000 Years Ago

The day's work (21 min)—The home (19 min—The school (16 min)—The synagogue (22 min)—The travelers (22 min)—Results of research, including that of rabbinical scholars, on religious practice of the day—Recreating life in Palestine as it was in time of Christ (100 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1353 Of These My People

Outstanding contributions made by Jews in America from 1654 to mid twentieth century—Commentary by Alfred Hayes, noted American poet (20 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1354 Camps of the Dead

Atrocities committed in German concentration camps at Buchenwald, Dachau, Belsen, and other places—French and Allied cameramen's pictorial record (20 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1355 The Eternal Gift

The solemn High Mass—Narration by eminent Bishop Fulton J. Sheen—Background of 125 cathedral choristers, 50 Gregorian chanters, and over 1,500 in support (86 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1357 Perpetual Sacrifice

Exposition of Mass—Sacrifice of Mass (77 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–1358 St. Francis of Assisi

Life of St. Francis (83 min—1947—Distribution limited to oversea commands—Commercial Adaptation).

16–7542 God of Creating

Sermon from science—Hand of God in nature—Trip into space—Metamorphosis of a caterpillar—Pollination—Photosynthesis—God the Creator (41 min—1949—Color—Commercial Adaptation—Supplementary distribution).

16–7543 God of the Atom

Fundamentals of atomic energy—Its application and research in military and scientific world—Operation Crossroads—Testimony of Lawrence Johnston, atomic physicist, and Commander Miller, USN—Return to religion in this critical atomic age (39 min—1949—Color—Commercial Adaptation).

MF No.

16–7544 Voice of the Deep

Sonic research refutes scientific theory of "silent deep"—Revelation of underwater sound and color challenge to agnosticism (30 min—1949—Color—Commercial Adaptation—Supplementary distribution).

16–7557 ". . . And Forbid Them Not"

Combination of two Bible stories based on Matthew 18:1–6 and Mark 10:13–16 (11 min—1949—Distribution limited to oversea commands—Commercial Adaptation).

16–7558 Daniel in the Lion's Den

Story of Daniel as found in Daniel 6 (17 min—1949—Distribution limited to oversea commands—Commercial Adaptation).

16–7559 The Raising of Lazarus

Biblical account from John 11 of resurrection of Lazarus from the dead (13 min—1949—Distribution limited to oversea commands only—Commercial Adaptation).

16–7679 Creating, According to Genesis

A pictorial narration, with symphonic and choral music, of the first chapter of Genesis, King James version (10 min—Color—1950—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and overseas for loan to the Chaplain Corps).

16–7680 Brotherhood of Man

Fundamental variations between races—Color cartoon (11 min—1950—Color—Distribution limited to oversea commands—Commercial Adaptation).

16–7681 Stephen, The First Christian Martyr

Persecutions of early Church apostles and leaders—Trial of Stephen—Effect of Stephen's forgiving attitude on Saul and the others who stoned him (25 min—1955—Distribution to central film and equipment exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–7682 The Calling of Matthew

Matthew the despised follows Jesus—Story as recorded in Gospel of St Mark 2:13–17 (28 min—1950—Distribution limited to oversea commands—Commercial Adaptation).

16–7683 A Stranger at the Door

Teenage refugee overcomes prejudice in the New World and gains new friends—Faith in mankind and trust in God (21 min—1950—Distribution limited to oversea commands—Commercial Adaptation).

16–7684 Templed Hills

The Doxology for audience participation—Congregational hymn "Come Thou Almighty King"—Twenty-third Psalm, the Lord's Prayer—Illustrated inspirational message (25 min—1950—Color—Distribution limited to oversea commands—Commercial Adaptation).

MF No.

16-7685 The Flag Speaks

History of our flag—The freedoms represented by the American flag—Display and care of the flag (20 min—1950—Color—Distribution limited to oversea commands—Commercial Adaptation).

16-7686 Dust or Destiny

Wonders of human body—Functions—Eyes, ears, heart, and hands compared with mechanical and electrical counterparts—Wonders of animal kingdom—Facts of plant life—Sermonized summary—God's plan (43 min—1950—Color—Distribution limited to oversea commands—Commercial Adaptation).

16-7687 Barabbas the Robber

Barabbas and three followers are aroused by reception given Jesus on His entry into Jerusalem—Curiosity leads to their arrest—Plot to seize Jesus—Trial before Pilate—Release of Barabbas—Crucifixion of two of Barabbas' men, one on either side of Jesus—Barabbas recognized "Jesus died for me" (38 min—1950—Distribution limited to oversea commands—Commercial Adaptation).

16-7808 One God

An inspiring study of the three major faiths: Protestant, Catholic, and Jewish—Explains the teaching, ceremonies, and customs of each faith (39 min—1956—Commercial Adaptation).

16-7809 In His Name

Pastor follows progress of sincere youth through high school and college—Ordination of youth as a minister (35 min—1951—Commercial Adaptation).

16-7810 A Great Cloud of Witnesses

Sermon on life by Rev W. E. Sangster illustrated with scenes of the Olympic Games (14 min—1951—Commercial Adaptation).

16-7812 This Charming Couple

Necessity for reciprocal love in marriage (19 min—1951—Commercial Adaptation).

16-7851 The Story of the Pope

Story of Pope Pius XII—Narration by Bishop Fulton J. Sheen—Introduction by Francis Cardinal Spellman (60 min—1951—Commercial Adaptation).

16-7859 Unto Thyself Be True

Efforts of modern police department to solve problem of juvenile delinquent through counseling of interfaith religious advisor (24 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7860 No Other Gods

Modern interpretation of the teaching of The First Commandment (20 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16-7861 On The Right Side

Gambling as an evil (20 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

MF No.

16–7862 Speak No Evil

Evil effects of lying (27 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16–7863 The First Step

Need for faith in God and self (30 min—1951—Distribution limited to oversea commands—Commercial Adaptation).

16–7961 Lord's Ascension, The

Jesus is resurrected on the third day following His death—He appears to Mary Magdalene and the disciples—During the forty days before His ascension, He appears to the disciples three times and instructs them to spread His teachings (28 min—1958—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16–7962 Jesus and the Lepers

En route from Capernaum to Jerusalem Jesus heals ten lepers—Only one of the lepers, a Samaritan, returns to express his gratitude to Jesus for his healing (13 min—1958—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges—No additional prints available on reorder).

16–7963 The Guest

A bereaved cobbler has his faith restored by finding God in ordinary acts of kindness to his fellow men (32 min—1953—Commercial Adaptation—Initial distribution limited—Supplementary distribution, 1957, to central and post film and equipment exchanges in CONUS and OS).

16–8014 Hill Number One

Correlating Christ's suffering and forbearance on Calvary and our encounters with adversity (45 min—1952—Commercial Adaptation).

16–8190 Holy Night—The Beginning of the Life of Jesus

Prophesies of Isaiah—Story of Mary and Joseph—Annunciation and birth of Christ—Story of the Shepherds and their arrival to behold the babe (31 min—1956—Commercial Adaptation).

16–8192 Hidden Treasures

Revealing, under the microscope, the wonder of creating—Universe of the ocean's floor—Beauties of the desert—Contrasting these with the infinite wonders of the planets as seen through the telescope (43 min—1954—Color—Commercial Adaptation).

16–8194 Woman at the Well

Jesus and His disciples go through Samaria where He speaks with the woman of Sychar at Jacob's well—He tells her of the spiritual living water—The woman, returning to her village, tells the people she has found the Christ (15 min—1958—Commercial Adaptation).

16–8195 Lord is Risen, The

The story of Jesus' burial and the resurrection (15 min—1957—Commercial Adaptation—Supplementary distribution to Army Film and Equipment Exchanges).

MF No.

16–8206 The Prior Claim

A sermon from science developing the theme that whatever wonders man has discovered or invented over the years, nature already possessed them (43 min—1954—Color—Commercial Adaptation).

16–8317 The Vatican

Pictorial tour of the Vatican, symbol of Catholic strength—Customs and life in the Vatican—Priceless art treasures, their care and protection—Vatican library, radio station, and post office—Costume and ritual of Swiss Guard—Views of the Church of St. Peter (40 min—1955—Color—Commercial Adaptation).

16–8429 Pilgrimage to Fatima

Story of the miracle at Fatima in Portugal—Annual pilgrimage to Our Lady's Shrine to give prayer and reaffirm faith (27 min—1955—Commercial Adaptation).

16–8430 The Shield of Faith

Story of an 18 year old boy whose faith is an armor against the temptation of life—Spiritual and moral strength derived from the church (26 min—1955—Commercial Adaptation).

16–8490 Conversion of Saul, The

Depicts the persecution of the followers of Christ by Saul of Tarsus—Account of his conversion based on the Gospel story given in Acts IX (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8491 Years of Apprenticeship

Saul's stay in Damascus with Ananias—His stay in the desert for three years—His return to Damascus and escape to Jerusalem (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8492 Return to Jerusalem

Saul returns to Jerusalem and joins the disciples of Christ—Proves his faith in word and deed (30 min—1955—Distribution to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8496 Second Missionary Journey

Paul returns to Jerusalem—Discusses question concerning acceptance of Gentile converts with James and Peter—His journey to Phillippi—Runs into opposition and is held for trial (30 min—1955—Commercial Adaptation—Initial distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Supplementary distribution to Army central and Post film and equipment exchanges in CONUS and overseas).

MF No.

16–8497 Visit to Corinth

In Phillippi, Paul and Silvanus are accused of treason and sentenced to prison—Their eventual freedom and the conversion of the jailer—Paul and Silvanus journey to Thessalonica—Paul goes on to Athens—Returns to Corinth and is rejoined by Timothy and Silvanus (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation).

16–8498 Third Missionary Journey

Paul revisits the churches in Galatia—His stay at Ephesus for 2 years—Runs into trouble with Dimetrius, leader of idol profiteers—Returns to Jerusalem (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation).

16–8499 Trial at Jerusalem

Paul, Luke, and Timothy return to Jerusalem bringing gifts and offerings from churches in Galatia—Paul arranges to stand as sponsor in the Temple for four men under vows—His presence creates disturbance in the temple—He is taken into custody by Romans—His final plea, to be heard before Caesar (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation).

16–8500 Voyage to Rome

Paul makes the voyage to Rome—Presents his case to Nero—He is held in protective custody for 2 years—Taken to the Emperor for final sentence (30 min—1955—Distribution limited to central film libraries and exchanges in CONUS and major oversea commands for use by the Chaplain Corps—Commercial Adaptation).

16–8599 Are You Ready for Service? What It's All About

Develops theme that training in the everyday duties of citizenship is a part of the preparation for military service (10 min—1956—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).

16–8600 Are You Ready for Service? Getting Ready Morally

Portrays how service brings about larger moral decisions, and how personal standards and good habits prepare one for service and life (10 min—1956—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).

16–8601 Are You Ready for Service? Military Life and You

Similarities and differences between military and civilian life—Interpretation of military discipline as an extension of self-discipline (10 min—1957—Commercial Adaptation—Supplementary distribution to Central Film and Equipment Exchanges in CONUS).

16–8602 We Believe—What Catholics Believe About Religion

Divine faith of God as taught by the creeds, religious practices, and code of the Catholic Church (28 min—1956—Commercial Adaptation—Supplementary distribution).

MF No.

16–8603 We Believe—What Catholics Believe About God

The belief of the Holy Trinity (28 min—1956—Distribution to central film and equipment exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8604 We Believe—What Catholics Believe About Man

The nature of man—Natural and divine gifts, the "original sin," and the redemption of man (28 min—1956—Distribution to central film and equipment exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8605 We Believe—What Catholics Believe About Christ

The divine and human nature of Christ—The three modes of existence as God, Man, and Church (28 min—1956—Distribution to central film and equipment exchanges in CONUS and Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8606 We Believe—What Catholics Believe About Moral Life

Observance of universal law of nature, divinely revealed law, and Canon Law of Catholic Church (28 min—1956—Commercial Adaptation—Supplementary distribution).

16–8607 We Believe—What Catholics Believe About Divine Worship

The meaning and ritual of the Mass (28 min—1956—Commercial Adaptation—Supplementary Distribution).

16–8608 We Believe—What Catholics Believe About Sanctifying Grace

How Sanctifying Grace enables man to develop the power to merit heaven by knowing and loving God (28 min—1956—Distribution to central film and equipment exchanges in CONUS and major oversea commands by use of the Chaplain Corps—Commercial Adaptation—Supplementary Distribution).

16–8609 We Believe—What Catholics Believe About Actual Grace

Explains actual grace as the divine energy given by God to assist man along the road of life (28 min—1956—Distribution to Central Film and Equipment Exchanges in CONUS and major oversea commands for use by Chaplain Corps—Commercial Adaptation—Supplementary Distribution).

16–8610 We Believe—What Catholics Believe About Religious Life

The meaning and origin of Holy Orders—How a greater heaven is attained through either the contemplative or mixed life (28 min—1956—Distribution to central film and equipment exchanges in CONUS and major Oversea Commands for use by the Chaplain Corps—Commercial Adaptation—Supplementary distribution).

16–8611 We Believe—What Catholics Believe About the Sacraments

Explains the seven sacraments—Baptism, Confirmation, Matrimony, Holy Orders, Penance, Holy Eucharist, Extreme Unction (Last Anointing) (28 min—1956—Commercial Adaptation—Supplementary distribution).

MF No.

16–8612 We Believe—What Catholics Believe About the Family

Definition of marriage as a contract for the birth, rearing and education of children, and as a sacrament indicating inward grace (28 min—1956—Commercial Adaptation—Supplementary distribution).

16–8613 We Believe—What Catholics Believe About Church and State

Defines the spiritual role of the Church and the temporal role of the State, and how each is necessary for the happiness of man (28 min—1956—Commercial Adaptation—Supplementary distribution).

16–8614 We Believe—What Catholics Believe About the Bible

Origin, contents, and meaning of the Bible, underscoring the idea that it is a deposit of faith divinely revealed by God (28 min—1956—Commercial Adaptation—Supplementary distribution).

16–8632 Time and Eternity

Man's search for knowledge of the mystery of time, space and matter, developing theme that man's salvation depends on love for God (43 min—1956—Color—Commercial Adaptation—Supplementary distribution).

16–8661 Escape to Egypt

Joseph and Mary's stay in Bethlehem after the birth of Jesus—The Order for the slaughter of the innocents—Escape of the Holy Family (30 min—1956—Commercial Adaptation).

16–8671 Heritage

Animated film affirming that civil rights and laws are predicated on human rights, fundamental for human progress and freedom (9 min—1956—Commercial Adaptation).

16–8676 Boyhood and Baptism

Life of Jesus Christ from the time His family leaves Egypt until He is baptized (30 min—1956—Commercial Adaptation).

16–8677 Men of the Wilderness

Testimony of John the Baptist—Conflict between Herod and Herodias over John—Healing of madman at Capernaum and curing of sick by Jesus (30 min—1956—Commercial Adaptation).

16–8685 The Challenge of Faith

Jesus spreads His teachings in Galilee—Imprisoned, John the Baptist is told of the wonders of Jesus—Jesus meets Matthew, the Publican (29 min—1956—Commercial Adaptation).

16–8686 Discipleship

Jesus chooses His 12 disciples and teaches them how to pray—He cures a leper in Galilee (28 min—1956—Commercial Adaptation).

16–8691 Return to Nazareth

Jesus journeys back to Nazareth—His wonders in Capernaum, Cana, and Samaria—Episode in Nazareth—He journeys on to Galilee (29 min—1956—Commercial Adaptation).

MF No.

16–8700 Government is Your Business

Story of a young man who shows that corrupt government is due to the weakness of good people more than to the strength of evildoers (27 min—1956—Commercial Adaptation).

16–8701 Jerusalem, The Holy City

Relation of Jerusalem to the Christian, Jewish and Islamic faiths—Origin, history and creed of each faith (10 min—1956—Color—Commercial Adaptation).

16–8707 Kapaun Retreat House

The story of the Kapaun Retreat House in Japan—Recreational and religious activities afforded all military personnel in Far East (16 min—1957).

16–8730 Conflict

Jesus comes to the home of Lazarus in Bethany—Goes on to Jerusalem where He preaches and makes known His healing powers—Goes on to Galilee (28 min—1957—Commercial Adaptation).

16–8786 In the Face of Jeopardy

A Chinese houseboy in Southeast Asia, motivated by the love of God, saves his employer from Communist terrorists at the risk of his own life (28 min—1957—Commercial Adaptation).

16–8794 Film Chronicles from the Book of Psalms—Reverence

A pictorial reflection of the Lord's creation of the universe accompanied by dramatic narration of excerpts from the Book of Psalms (10 min—1957—Color—Commercial Adaptation—Distribution to Central and Post Film and Equipment Exchanges in CONUS and overseas).

16–8805 Fate of John the Baptist

Princess Salome dances for Herod's guests and requests the head of John The Baptist as a "Gift". After John's death, his followers join Jesus (28 min—1957—Commercial Adaptation).

16–8806 Retreat and Decision

Jesus tells His disciples He is returning to Jerusalem and predicts His death and resurrection—Jesus resurrects Lazarus from the grave (30 min—1957—Commercial Adaptation).

16–8807 Triumph and Defeat

At the Passover Feast, Jesus predicts His betrayal by Judas—Jesus is arrested at Gethsemane and judged guilty by the Sanhedrin of blasphemy (28 min—1957—Commercial Adaptation).

16–8808 Crucifixion and Resurrection

Jesus is crucified on Pilate's order—Joseph claims the body—Jesus' body disappears from tomb and He appears to Mary and the apostles (28 min—1957—Commercial Adaptation).

16–8825 Are You Ready for Service?—Why You

System of choosing young men for military service—Reasons for deferment—Purpose of enlistment (13 min—1957—Commercial Adaptation).

MF No.

16–8840 Birth of the Savior

Story of the birth from the time the Angel appears before Mary and Joseph in Nazareth to the subsequent events in Bethlehem (15 min—1957—Commercial Adaptation).

16–8884 Birth of John the Baptist

An angel announces to Zechariah that he and Elizabeth are to have a son and that he is to be named John—After the child's birth, Zechariah offers praises to God—John is shown as the wilderness prophet proclaiming the coming of the Messiah (20 min—1958—Commercial Adaptation).

16–8885 Childhood of Jesus

The wise men bring their gifts to the infant Jesus—They are warned not to return to Herod—Joseph flees with the child to Egypt—Returns to Galilee after Herod's death—At the age of twelve years, Jesus is taken to the temple in Jerusalem for Passover (15 min—1958—Commercial Adaptation).

16–8886 Ministry of John the Baptist

While John preaches, Jesus comes to him to be baptized—John is imprisoned by Herod—Jesus is asked by two disciples of Herod if He is the Christ—John is beheaded at the request of Herodias (20 min—1958—Commercial Adaptation).

16–8887 First Disciples

The little group around John the Baptist is approached by Jesus—Andrew, John, and Simeon go with Jesus—They are later joined by Philip and Nathaniel—Jesus begins to teach His first group of disciples (15 min—1958—Commercial Adaptation).

16–8888 Jesus at Nazareth and Capernaum

In Cana, Jesus assures a nobleman that his dying son will live—At the Temple of Nazareth, Jesus reads from Isaiah and arouses the congregation to violence—He is forced out of the synagogue—Jesus journeys on alone to Capernaum (15 min—1958—Commercial Adaptation).

16–8889 Jesus and the Fishermen

Jesus meets four fishermen—They are Peter, Andrew, James, and John—Leaving their nets, they follow Him to Capernaum, where Jesus heals the sick and afflicted—Jesus and His disciples then start on their first tour of Galilee together (15 min—1958—Commercial Adaptation).

16–8890 Thy Sins are Forgiven

Jesus cures a sick man in Capernaum and forgives him of his sins—He commands Matthew, the tax collector, to follow Him—Jesus is questioned by the Pharisees about fasting and replies with three parables (15 min—1958—Commercial Adaptation).

16–8891 Jesus, Lord of the Sabbath

The Pharisees criticize the man, healed by Jesus at the pool of Bethesda, for carrying his bed on the Sabbath—Jesus and His disciples are criticized for husking a few kernels on the Sabbath—Jesus

MF No.

declares that the Son of Man is Lord of the Sabbath (15 min—1958—Commercial Adaptation).

16-8892 The Transfiguration

Peter confesses that Jesus is the Christ—Jesus takes James, Peter, and John to the top of the mountain with Him where He is transfigured before them—Moses and Elijah appear and talk with Jesus—At the foot of the mountain an epileptic boy is healed (20 min—1958—Commercial Adaptation).

16-8893 Jesus Teaches Forgiveness

A sinful woman anoints Jesus' feet—He forgives her sins—He gives rules for treating a brother who has sinned against one—Tells several parables on forgiveness—He exhorts that all should forgive (15 min—1958—Commercial Adaptation).

16-8894 Before Abraham Was, I Am

Jesus teaches in the Temple at Jerusalem—The Sanhedrin sends soldiers to arrest him—Nicodemus defends Jesus—He proclaims His deity by saying, "Before Abraham was, I am" (20 min—1958—Commercial Adaptation).

16-8895 Jesus Heals the Man Born Blind

Jesus restores a blind man's sight by putting clay on his eyes and having him wash in the pool at Siloam—Religious authorities question the man but he does not know who has given him his sight—Jesus finds the man, and he believes in Him as the Son of God (20 min—1958—Commercial Adaptation).

16-8896 I am the Resurrection

In the city of Nain, Jesus brings back life to the widow's son—At the house of Jairus He raises his daughter back to life—He hears from Mary and Martha that Lazarus is dead—He goes to the tomb and commands Lazarus to come forth (20 min—1958—Commercial Adaptation).

16-8917 Jesus Before the High Priest

Jesus is arrested at Gethsemane and taken to Annas—He is tried before Caiaphas, high priest of the Temple, and the Sanhedrin—He is charged with blasphemy and sent to Pilate (13 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16-8918 Trial Before Pilate

Jesus is tried before Pilate and is turned over to Herod for sentencing—Herod sends Him back to Pilate, who turns Him over to the soldiers to be crucified (13 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16-8919 The Crucifixion

Jesus carries His cross to the hill of Golgotha where He is to be crucified—Jesus falls while carrying the cross—Simon of Cyrene carries it for Him—He is nailed to the cross and, after six hours, dies (18 min—1958—Commercial Adaptation—Distribution to Army

MF No.

Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16–8920 Nicodemus

Joseph of Arimathea and Nicodemus make arrangements for Jesus' burial—Nicodemus reflects upon the teachings of Jesus and when he defended Him before the Sanhedrin—They prepare the body for burial and take it to Joseph's tomb (18 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and OS—No additional prints available on reorder).

16–8921 Younger Brother—Story of Japan

A young Japanese, who has set out to make a life of his own, meets with an accident on his job—He is saved by a man who is a Christian—The two have many talks and the Japanese learns about Christianity and adopts its beliefs, notwithstanding family objection (28 min—1958—Commercial Adaptation—Distribution to Army Film and Equipment Exchanges in CONUS and OS)

16–8922 Baragoi—An Outpost of Faith

Describes the work of the first Christian mission established by Consolata Fathers in Baragoi in Kenya on the East African Coast—Shows native mode of life, dress, and customs—Medical care and educational activities (13 min—1958—Color—Commercial Adaptation—No additional prints available on reorder).

16–8945 Last Journey to Jerusalem

Jesus and His disciples journey to Jerusalem for the Feast of Passover—Jesus tells them of His coming death and resurrection—At the Temple He is welcomed by the people (17 min—1958—Commercial Adaptation—Distribution to army film and equipment exchanges in CONUS and overseas—No additional prints available on reorder).

16–8946 Thirty Pieces of Silver

At the Temple, the priests plot Jesus' arrest and death—Jesus is anointed by Mary, Lazarus' sister—Judas, indignant at the waste of oil, goes to the priests and bargains for Jesus' betrayal for thirty pieces of silver (13 min—1958—Commercial Adaptation—Distribution to army film and equipments exchanges in CONUS and overseas—No additional prints available on reorder).

16–8947 Upper Room, The

Jesus and His disciples partake of the last paschal meal together—Jesus predicts His betrayal, institutes the Lord's Supper with the bread and wine, and gives His benediction of peace (14 min—1958—Commercial Adaptation—Distribution to army film and equipment exchanges in CONUS and overseas—No additional prints available on reorder).

17–1280 Tank Mission—World War II

Armored tanks of WW II on maneuvers and in action in the ETO—Versatility of tanks—Tank speed increase in fields when using the hedgerow cutter—Mine locators and detonators used on front of tank for safety and efficiency purposes when traveling in enemy territory—Camouflage methods—Great contribution of tanks in WW II (10 min—1946).

MF No.

17–7864 Hell on Wheels

Historical record of the combat activities of the 2nd Armored Division during World War II (17 min—1951).

19–1073 Attack on Hidden Waste

Achieving maximum efficiency on job through proportional use of time (15 min—1944).

19–7546 Your Army in Disaster Relief

Army's role in disasters in US—Texas City disaster—Snowbound areas in winter of 1948–49—Floods along Mississippi—Aiding stricken communities—Military police, medical, engineer, signal, and other units aiding in disaster relief (17 min—1949—Film Reference).

19–8027 Security Control, You Never Can Tell

Emphasizing awareness of security program responsibilities on-and-off the defense plant job—Carelessness of well-intentioned employees—Proper handling of classified information (40 min—1952—Film Reference—From Navy Film MN 6947).

19–8274 Civil Assistance in Korea

Purpose, scope, and activities of civil assistance—Illustration of how the civil assistance program helped the Korean people—Accomplishments of civil assistance (30 min—1945).

19–8415 Provost in a Divisional Move

Duties and responsibilities of military police in planning for a divisional move—Provost marshal plan in action—Factors considered are equipments, starting points, designated routes, signing parties, traffic points, and provisions for detours in case of breakdown (30 min—1955—Film Reference—From British Army Film BC 3057).

19–8509 The Traffic Officer in Court

Importance of neat appearance, and of thorough preparation of case, and proper presentation of case in court (10 min—1955—Film Reference—Commercial Adaptation).

19–8510 Hit-and-Run Investigation

Basic techniques applied in hit-and-run accident investigations (10 min—1955—Film Reference—Commercial Adaptation).

19–8511 Detecting and Recording Skidmarks

How to detect and record skidmarks (8 min—1955—Film Reference—Commercial Adaptation).

19–8699 Prisoners of War

Procedures used in Korea by Military Police in handling prisoners of war—Processing of prisoners from time of capture to evacuation to internment camps—Actual operation of prisoner of war camps (22 min—1957—Film Reference).

19–8796 The Darmstadt Case

Documentary on the 27th Military Police Criminal Investigation Detachment in Frankfurt, Germany—Facilities and methods used to apprehend criminals (10 min—1957—Film Reference—Also part of AFSM 525—Limited distribution to Central Film and Equipment Exchanges in CONUS and OS for loan to interested groups).

MF No.

19–8843 It's Your Decision

This film explains the responsibilities of military, civil, and industrial authorities in the event of attack—The vital need for close cooperation between industrial leaders and Government defense organizations for national survival is emphasized (32 min—1958—Color—From Air Force Subject SFP 368).

20–1144 Ideas Unlimited

Steps involved in work simplification (18 min—1951—Commercial Adaptation).

20–1153 Saudi-Arabia Graduation Exercises (U)

(This film is classified SECRET—Printing discontinued.)

20–1192 Combat Team

Efficient operation in airplane factory necessary for successful air combat operations (37 min—1945—Commercial Adaptation).

20–1216 Hawaiian Holiday (Recruiting Subject)

Military recreational facilities in Hawaii—Variety of entertainment for off-duty hours (18 min—1945—Distribution limited to ZI only).

20–1226 Welcome Home

Returning soldiers are welcomed home to civilian life (20 min—1945).

20–1240 Oil Fires

Fire fighting methods to control oil fires (46 min—1945—Commercial Adaptation).

20–1300 America the Beautiful

Technicolor tour of the US—From New York to Death Valley (17 min—1947—Color—Commercial Adaptation).

20–1367 It's Wanton Murder

Veteran of WW II injured fatally by driver attempting to beat the light (12 min—1947—Commercial Adaptation).

20–1368 "X" Marks the Spot

Traffic experience of typical driver and pedestrian (22 min—1947—Commercial Adaptation).

20–1370 Highway Mania

Interviews of traffic authorities by Lowell Thomas—Dangerous driving hazards—Correct methods (10 min—1947—Commercial Adaptation).

20–1371 A Safe Day

Home, highway, and industrial safety—Safety message to average worker—Daily routine of safe worker (10 min—1947—Commercial Adaptation).

20–1372 Your Driving Habits

Elements of good driving—Starting engine—Using clutch and gearshift—Brakes—Driving on curves, pavements, in mountainous coun-

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try, through ice, snow, water, and mud—Parking car (14 min—1947—Commercial Adaptation).

20–1396 Crossroads—Radiological Safety

Radio safety teams at Bikini during Operation Crossroads—Use of Geiger counters—Ionization chambers—Film badges for measuring radioactivity—Use of drone boats and planes for investigating highly contaminated areas—Method of plotting these areas—Divers investigating radioactivity resulting from test—Marine life gathered for further study (25 min—1947—From Navy Film MN 5367–B).

20–1428 Atomic Physics

Atomics from the time of Dalton through Mendelieff, the Curies, and Decquerel to the present—Live recordings of Lords Rutherford and Thompson, Dr. Einstein, Cockeroft, and Frische—Film is divided into five parts for use as a training aid (100 min—1948—Commercial Adaptation).

20–7500 Atomic Energy

Basic principles—Formation of atom into electrons, protrons, and neutrons—Bombardment of the atom with resultant radiation of atomic energy—Chain reaction (11 min—1948—Commercial Adaptation).

20–7513 Exercise Yukon

Tactical operation—Four objectives—Testing air transports in arctic—Defending arctic airfields—Developing methods of training ground force units—Reporting data for further arctic operations (30 min—1949).

20–7670 Radiological Safety on Operation Sandstone

Various aspects and problems of atom bomb tests at Eniwetok—Types of equipment for measuring and recording exposure to radiation—Strength, effect, and shielding qualities of various materials—Evaluation of data after explosion (26 min—1950—From Armed Forces Special Weapons Project 19–3).

20–7671 Security Control in Operation Sandstone

Review of stringent security measures observed during atom bomb tests at Eniwetok during spring of 1948 (24 min—1950—From Armed Forces Special Weapons Project 19–16).

20–7672 United States Army Engineers in Operation Sandstone

Engineer problems at Eniwetok atom bomb test—Demolition of old buildings and erection of new—Rebuilding roads and runways—Clearing land for visibility and photography—Installing water system and electricity—Preparing towers, concrete blockhouses, and walls to test shielding effects of various materials—Other technical installations—Installing coaxial cables (20 min—1950—From Armed Forces Special Weapons Project 19–10).

20–7673 Story of Communications on Project Sandstone

Necessary communications system—Communications handled by military personnel of all three branches of service—Civilian technicians—Setting up telephone and teletypewriter communications systems, radio nets, and radar listening posts for security purposes—

MF No.

Submarine cable and courier service (29 min—1950—From Armed Forces Special Weapons Project 19–7).

20–7674 Weather to . . .

Role of meteorological personnel during the atomic bomb tests at Eniwetok, Operation Sandstone—Importance of accurate weather data in planning tests—Meteorologists of Joint Task Force Seven plotting weather (22 min—1950—From Armed Forces Special Weapons Project 19–6).

20–7675 The Navy's Part in Operation Sandstone

A resume of all phases of work involved in carrying out the project including the many contributions of the Navy to its success (40 min—1950—From Armed Forces Special Weapons Project 19–14).

20–7676 Look—No Hands (Operation Sandstone)

The role played by the Air Force in the tests at Eniwetok, with the use of drone planes (20 min—1950—From Armed Forces Special Weapons Project 19–11).

20–7725 Arctic Indoctrination School—Winter 1950

Army's arctic indoctrination school at Big Delta, Alaska, winter 1950—Student troops at school—Snowshoe and ski technique—Bivouac in snow—Constructing various types of shelters—Mining a frozen lake surface to impede mechanized attack—Demonstration of penetration power of small arms fire into snow and ice (15 min—1950).

20–7728 Crop Check

Methods used to estimate yields of crop fields—Advantages of intelligent crop estimating (15 min—1950).

20–7773 An Introduction to Radiation Detection Instruments

Instruments for detection of atomic radiation, including alpha, beta, and gamma rays—Pocket dosimeter, pocket chamber, ion chambers, Geiger counters—Principles and practical application of these instruments (18 min—1950—From Armed Forces Special Weapons Project).

20–7815 The Effects of Atomic Bomb Explosions

Preparation for atomic attack—Relative effects of various kinds of atomic explosions as determined at Nagasaki, Hiroshima, and the Pacific testing range, as well as the theoretical effects of ground-contact and underground explosions—Nuclear radiation (21 min—1951—From Armed Forces Special Weapons Project).

20–7854 Last Date

Dangers of speeding illustrated by tragic accident affecting the lives of four teenagers (19 min—1951).

20–7855 And Then There Were Four

Minor traffic violations—Difference between minor and major violations (26 min—1951—Commercial Adaptation).

MF No.

20–7857 A Closed Book

Launching of a safety crusade by small town doctor whose wife has been killed by hit-and-run driver—Difficulty of convincing indifferent public that safety is everybody's business (26 min—1951—Commercial Adaptation).

20–7896 The Basic Physics of an Atomic Bomb

Basic principles of atomic energy and the atomic bomb—Atomic numbers—Isotopes—Half-life—Fusion—Fission—Chain reaction—Critical mass (19 min—1952—Color).

20–7924 Dress Rehearsal

A good soldier is a well-trained soldier—Techniques of combat conditioning and psychological indoctrination—Basic training attack course—Realism simulated by barrage of live ammunition, direct tank fire, all-night bivouac, combined arms attack (13 min—1952).

20–7949 KMAG and the ROK Soldier

Developments of South Korean Army under US Korean Military Advisory Group (27 min—1954).

20–7956 Atomic Support for the Soldier

Pictorial record of *Exercise Desert Rock* staged near Las Vegas, Nevada, in November 1951, showing relative destructiveness of atomic bomb and defense measures against it—Research tests under simulated combat conditions—Effects on men, equipment fortifications, and materiel (21 min—1953).

20–7979 Troop Information and Education in the Field

The US soldier fights best because he is an efficient fighting man kept in top physical form, highly trained in military skills, and mentally alert—The Army's troop information and education program provides, even in combat areas, educational programs from basic to university level (17 min—1953).

20–7986 Aircraft Recognition—Soviet Jet Aircraft

Individual structural and performance characteristics of the Russian jet aircraft, the MIG–15, YAK–15 (modified), and MIG–9 (15 min—1953—Film Reference—From Navy Film MN 6898–C).

20–7991 Recognition of Jet Aircraft

Depicting the salient structural features and performance characteristics of the F9F Panther, F2H Banshee, F3D Skynight, and F7U Cutlass (15 min—1953—Film Reference—From Navy Film MN 6898).

20–7995 Pick Your Safety Target

Teaching the supervisor and foreman how to analyze the causes of accidents—What action to take on evidence—Classifying accidents, interpreting the facts, and transplanting them into positive accident-prevention measures (14 min—1953—Commercial Adaptation).

20–7997 Safety in Offices

Common office accidents—Developing among employees awareness of hazards to avoid—Need for implementing safety measures (10 min—1953—From Navy Film MN 1921–D).

MF No.

20–8116 Stockpile to Target (U)

(24 min—1952—Limited distribution to Service Schools in CONUS—Film is classified SECRET—RESTRICTED DATA).

20–8125 A-Bomb at Sea (U)

(19 min—1952—Color—Limited distribution—Further distribution must be authorized by ch, AFF—Film is classified SECRET—RESTRICTED DATA).

20–8126 Baker Day Hi-Speed Story (U)

(24 min—1952—Limited distribution—Further distribution must be authorized by ch, AFF—Film is classified SECRET).

20–8127 Able Day Hi-Speed Story (U)

(19 min—1952—Limited distribution—Further distribution must be authorized by ch, AFF—Film is classified SECRET).

20–8147 Eyes of Flight

Techniques of handling, forming, and storing acrylic plastic, commonly called Plexiglas or Lucite—Uses, many and essential, to aircraft (30 min—1953—Color).

20–8148 Radioactive Contamination

This film helps to resolve the remaining misconceptions concerning hazards of radioactive contamination—Lessons learned from aircraft carrier *Independence*, a thoroughly contaminated guinea pig, subjected to various types of surveys—Decontamination measures possible under tactical situations—Radioactive contamination control (20 min—1953—From Armed Forces Special Weapons Project 5201).

20–8169 Military Participation on Tumbler/Snapper (U)

(47 min—1953—Color—Limited distribution—For use in courses of instruction on Atomic weapons given at general and branch service schools concerned; one part each to CF&EEs in CONUS—Film is classified SECRET—RESTRICTED DATA).

20–8218 Safety Saves

Driver training and safety practices as applied to operation of forklift trucks and towing tractors—Do's and don'ts of safe driving—Causes of most accidents and how to avoid them (26 min—1954—Commercial Adaptation).

20–8224 Training at Officer Candidate Schools

Example of how officer candidate schools are conducted is the school at Fort Benning, Georgia—Qualities needed for selection to receive training leading to commission as 2d Lieutenant in the Army of the US—Military skills and techniques, leadership, and military know-how stressed (25 min—1954).

20–8261 Ivy—Documentary Film (U)

(69 min—1954—Color—Distribution limited to the AA&GM Branch—TAS, Ft Bliss, Texas and C&GSC, Ft Leavenworth, Kansas—There are two other versions: (a) 28 min. version—Unclassified AFIF 62, distributed by DA—(b) 36 min version FOR OFFICIAL USE ONLY, not distributed by DA—Film is classified SECRET—RESTRICTED DATA).

MF No.

20–8267 Operation Upshot-Knothole 1953 (U)

(43 min—1954—Color—Distribution limited to: Central film libraries in CONUS and USAREUR and film libraries serving the Armored, Artillery, and Infantry Schools—Film is classified SECRET—RESTRICTED DATA).

20–8282 The Gamblers (Safe Tractor Operation)

Safe operation of the tractor—Operational hazards—Necessary precautions to avoid accidents to operator and others (21 min—1954—Commercial Adaptation).

20–8322 Time to Go (Selective Service)

Organization, purpose, and operation of selective service system—Personnel and activities of local boards—Requirements, obligations, classifications, and deferments of draftees—Preinduction processing—Induction—Benefits of Army training (28 min—1955—Film Reference).

20–8348 Drive Right

Analysis and illustration of four major causes of traffic accidents (intoxication, fatigue, speed, and preoccupation) involving military personnel (20 min—1954—From Navy Film MN 7498–B).

20–8350 A Special Weapons Orientation—Part II—Basic Atomic Weapons (U)

(11 min—1954—Color—Distribution limited to: CFLs in CONUS; major OS Commands; Service Schools of the Combat Arms—From Armed Forces Special Weapons Project 30–11, Pt 2—Film is classified SECRET—RESTRICTED DATA).

20–8357 To Live in Darkness

Cases of men who have lost their sight as a result of careless attitudes toward occupational hazards (14 min—1954—From Navy Film MN 1921–F).

20–8386 A Special Weapons Orientation—Part V—Effects of Atomic Weapons (U)

(14 min—1954—Distribution limited to: CFLs in CONUS; major OS Commands and to Service Schools of the Combat Arms—Film is classified SECRET—RESTRICTED DATA).

20–8410 Sgt MacDuff—Salesman (Recruiting)

Four basic steps for successful recruitment of men into the Army (19 min—1955).

20–8416 Universal Fuze A, MK 6, Application (U)

(21 min—1955—Distribution limited to: Asst Commandant Artillery School, AA&GM Branch, Ft Bliss, Texas; SCPL&L M/F: Chief of Ordnance SCPL&L M/F: Chief, Engineers—Film is classified SECRET—RESTRICTED DATA).

20–8418 Beyond Tomorrow—A Story of an American Girl

WAC recruiting film—Story of a young girl, who on the day of her marriage reflects on her life in the WAC—Evaluates her military career, recalls her training and job assignments and gains in personal development and maturity (15 min—1955—Color).

MF No.

20–8419 Chaplain USA

Army chaplain and his job—His training assignments, and responsibilities (19 min—1955—Color).

20–8420 All Star Team (Recruiting)

Army recruiting film stressing importance of the individual soldier to the Army team—Organization and function of the Army—Army life in combat and in peacetime (24 min—1955).

20–8421 Prepare Through Education (Recruiting)

Need and demand for specialists to fill technical jobs in society—High school education is a foundation for future careers—Army affords specialist training and career opportunities for high school graduates (16 min—1955).

20–8422 The US Medical Team (Medical Recruiting)

Missions and functions of various departments in the medical service—Vital and humane role played by medical team—Advantages of a medical career in the Army (15 min—1955—Distribution limited to central film libraries in CONUS).

20–8442 The Soldier's Hour

Explains how unit commanders, re-enlistment officers, and NCO's should implement an active, workable reenlistment program at the unit level (18 min—1956—Color).

20–8504 New Weapons and Equipment for the Army

Improved and new designs for air, ground and amphibious operations, communication, firepower, radar and guided missiles, and protective and fighting equipment for individual soldier (26 min—1955—Distribution in CONUS and overseas).

20–8508 Atomic Tests—1952–1953 (U)

(1956—From Armed Forces Special Weapons Project 30–26—Distribution limited to: CF&EEs in CONUS; major OS commands; Service Schools of the Combat Arms—Film is classified SECRET—RESTRICTED DATA).

20–8563 Safe Clothing

Presents with humor the hazards of wearing the wrong clothing on a machinist's job (7 min—1955—Commercial Adaptation).

20–8587 Devil Take Us (Motor Vehicle Safety)

Dramatizes driving hazards—Traffic jams, speeding, intoxication, lack of concentration, personality immaturity—Stress on accident prevention (21 min—1956—Commercial Adaptation—Distribution limited to central film and equipment exchanges in CONUS and overseas).

20–8591 The Whites of Their Eyes

A US Army reserve film, narrated by Edward R. Murrow on the theme of strength in reserve as power against potential enemy (26 min—1956—Distributed in CONUS only).

MF No.

20–8631 Motor March Discipline—RASC

Normal Column, Dispersed Column, and Packet Methods of motor march in day light—Types of movement at night—Details of move using Packet Method (43 min—1956—From British Film C 1099).

20–8635 Dollars and Sense—The Army Financial Management Plan

Cost of performance budget—Consumer funding—Stock fund—Industrial fund—Integrated accounting—Financial property accounting—Internal audit (34 min—1956).

20–8637 Junior Officer Leadership Problem No. 1

The problem of overruling a pass in the face of a subsequent work detail (4 min—1956—Commercial Adaptation).

20–8638 Junior Officer Leadership Problem No. 2

The problem of intersection harmony in preparing for a scheduled training problem (5 min—1956—Commercial Adaptation).

20–8639 Junior Officer Leadership Problem No. 3

The problem of placing the right man in a job (9 min—1956—Commercial Adaptation).

20–8640 Junior Officer Leadership Problem No. 4

The problem of maintaining proper attitudes towards job details (3 min—1956—Commercial Adaptation).

20–8641 Junior Officer Leadership Problem No. 5

The problem of issuing conflicting orders (3 min—1956—Commercial Adaptation).

20–8642 Junior Officer Leadership Problem No. 6

The problem of one man's personal worry affecting the efficiency of an entire section, and how to permit him to resolve it (5 min—1956—Commercial Adaptation).

20–8643 Junior Officer Leadership Problem No. 7

The problem of rescinding a pass because of disobedience to the NCO (5 min—1956—Commercial Adaptations).

20–8644 Junior Officer Leadership Problem No. 8

The problem of stringent measures used by the NCO in shaping up a section (4 min—1956—Commercial Adaptation).

20–8645 Junior Officer Leadership Problem No. 9

The problem of overruling an NCO's order to surrender as the only means of survival in a particularly dangerous combat situation (4 min—1956—Commercial Adaptation).

20–8646 Junior Officer Leadership Problem No. 10

The problem of dealing with a well-meaning NCO who disobeys an order by going out on a dangerous mission in lieu of his men (8 min—1956—Commercial Adaptation).

20–8647 NCO Leadership Problem No. 1

The problem of carrying out an imposed disciplinary action on a man who fell out of a march (4 min—1956—Commercial Adaptation).

MF No.

20–8648 NCO Leadership Problem No. 2

The problem of dealing with sullen, uncooperative men on a work detail (7 min—1956—Commercial Adaptation).

20–8649 NCO Leadership Problem No. 3

The problem of turning in AWOL absentees, no matter what the human motive for the AWOL action (3 min—1956—Commercial Adaptation).

20–8650 NCO Leadership Problem No. 4

The problem of antagonistic feelings between men competing for the same job (4 min—1956—Commercial Adaptation).

20–8651 NCO Leadership Problem No. 5

The problem of dealing with men who refuse to comply with the Squad Leader's order in combat (5 min—1956—Commercial Adaptation).

20–8668 Traditions and Achievements of the Army

Review the role of the Army throughout the history of the nation—Emphasizes the role of the modern soldier (26 min—1957—Color).

20–8714 All Present or Accounted For (Re-Enlistment)

Designed for unit commanders—Shows how the proper discharge of leadership responsibilities "sells" re-enlistment (20 min—1956—Color).

20–8717 Borrowed Power

Deals with the problem of reckless driving, developing the theme that a good driving attitude is essential for safety on the road (17 min—1956—Commercial Adaptation).

20–8748 Approach to Land—GCA

Components of Ground Control Approach (GCA) ground installations—Use of equipment by radar controllers—Operation of radar scopes and standard phraseology used in a typical GCA approach (25 min—1957—Commercial Adaptation—Distribution to Central Film and Equipment Exchanges in CONUS and to film exchanges supporting service schools concerned).

20–8749 Approach to Land—ILS

Operation of ground installations and aircraft instrumentation for short range final approach and landing aid ILS (instrument let down system)—How ILS is used during a typical approach (25 min—1957—Commercial Adaptation—Distributionto Central Film and Equipment Exchanges in CONUS and to film exchanges supporting service schools concerned).

20–8772 Before the Blast

Depicts the procedures for safe handling of explosives as: transporting, storing, preparations before and after detonating explosives (12 min—1957—Color—Commercial Adaptation).

20–8773 Ladders, Scaffolds, and Floor Openings

Defines safety requirements for materials, tools, equipment, and procedure with regard to construction jobs—Stresses importance of

MF No.

safe habits on the job (9 min—1958—Color—Commercial Adaptation).

20–8774 Good Housekeeping for Men Only

Defines hazards of poor housekeeping on construction jobs, and outlines the good housekeeping rules of safety (13 min—1957—Color).

20–8775 Don't Drop Your Guard

Concerns industrial safety primarily with regard to proper use of machine guards—Stresses safety on the job as a personal responsibility (10 min—1957—Color).

20–8776 Stay Alert Stay Alive (Safety)

Narrated by Lowell Thomas. Depicts a series of on-the-job accidents in a manufacturing plant—Stresses the need for a good safety program (13 min—1957—Commercial Adaptation).

20–8777 One to a Customer (Safety)

Stresses the need and proper use of personal protective equipment for safety of workers in industry (10 min—1957—Commercial Adaptation).

20–8778 Stop Them Before They Start (Fire Prevention)

A fire prevention demonstration—How fires are started by gasoline vapors, electricity, dust, chemicals and Christmas tree decorations (15 min—1957—Commercial Adaptation).

20–8779 Live and Let Live

Discusses common causes for car accidents and rules for safety on the road—Emphasizes care, courtesy, common sense, and alertness for safety (11 min—1958—Commercial Adaptation).

20–8780 Look Who's Driving

How emotional immaturities cause driving hazards on the road—Emphasizes mature attitudes for safe driving. (8 min—1957—Color—Commercial Adaptation—Distribution is limited to one print to each Central Film and Equipment Exchange in CONUS and Overseas for loan to interested units).

20–8781 Ski Tips

Rules for safe skiing are discussed by Lowell Thomas—Physical condition, choice and handling of equipment, controlled skiing, rules on the ski trail, and cooperation with ski patrol (23 min—1958—Color—Commercial Adaptation—Distribution limited to 1st, 5th, and 6th Army Central Film and Equipment Exchanges, USASEUR, USARAL, and EUSA).

20–8783 Paddle a Safe Canoe

Boarding, disembarking, paddling position and strokes—What to do when canoe capsizes—Life preserver and standard equipment requirements—Handling canoe (15 min—1957—Color—Commercial Adaptation).

20–8784 Aim for Safety (Hunting Safety)

Protective clothing—Safe movement in wooded area and proper crossing of barbed wire fences—Correct handling of gun and ammunition—Correct hunting and shooting techniques—Proper methods of

MF No.

carrying killed game (16 min—1958—Color—Commercial Adaptation—Distribution limited to one 16mm print to each Central Film and Equipment Exchange in CONUS and OS—No additional prints available on reorder).

20–8844 Knowing's Not Enough (Safety)

A test car accident portrays the hazards of impatience, impulsiveness, impunity and improvising—Stresses safety awareness in job performance (28 min—1957—Color—Commercial Adaptation—Distributed to Central Film and Equipment Exchanges in CONUS and Overseas).

20–8855 Technical Training Film Bulletin No. 31—Power Supplies (U)

This film is classified CONFIDENTIAL—RESTRICTED DATA (23 min—1958—Color—Distribution limited to one each 16mm print to certain United States Army Service Schools and installations specified by USCONARC).

20–8856 Technical Training Film Bulletin No. 29—The Mark 39 Bomb (U)

This film is classified SECRET—RESTRICTED DATA (26 min—1958—Color—Distribution limited to one each 16mm print to certain United States Army Service Schools and installations specified by USCONARC).

20–8898 Flammable Liquid Fire Safety

Discusses the hazards, precautions, and methods of extinguishing flammable liquid fires using hand and automatic extinguishing devices—Characteristics and causes of explosions are defined, giving attention to fire safeguards—Importance of automatic sprinklers is underscored (20 min—1958—Color).

20–8900 Safe Driving in Europe

Driving rules applicable to England, France, and Germany—Procedure for obtaining driving licenses in Europe—Customs and rules of the road—Dangers and safety requirements of winter driving—Courtesy to other drivers and pedestrians (15 min—1958—Distribution limited to one 16-mm print to Central Film and Equipment Exchanges in CONUS, Army Terminals, and USAREUR—Air Force Film SFP 528).

20–8935 Dehumidified Storage

Fundamentals and advantages as applied to storage of materials for national security—Cost of installing and maintaining storage system—Conversion of conventional warehouse to dehumidified installation—Short and long range storage—Periodic inspection (15 min—1958—Distribution to Army Film and Equipment Exchanges in CONUS—Navy Film MN 8077).

20–8944 Big Picture, The—Operation Lifeline

Role of logistics in military operations—Organization, methods, and advantages of the modernized military supply system based on our defense commitments and new pentomic concept of military tactics—Report of 2d Hoover Commission Investigation (28 min—1958).

MF No.

20–8948 Defensive Driving Series—How to Follow Safely

Reviews six traffic situations in which car collisions occur—Vehicle ahead, behind, from opposite direction, approaching at an angle, passing you, and you passing vehicle—How to prevent accident with car ahead—Two elements involved in safe stopping distance; reaction distance and braking distance (10 min—1958—Distribution to central film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20–8949 Defensive Driving Series—Don't Be a Sitting Duck

How to prevent an accident with vehicle behind—Make smooth gradual stops—Give advance signals—Keep driver behind from riding your tail (10 min—1958—Distribution to cental film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20–8950 Defensive Driving Series—Stay Right Stay Safe

How to prevent accidents with approaching vehicles—Stay to right of center lines—Decrease speed—Proper entry and rounding of curves—Give right-of-way when necessary (10 min—1958—Distribution to central film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20–8951 Defensive Driving Series—What Right-of-Way?

How to prevent accidents with vehicles approaching at an angle—Proper approach to intersections—Check traffic and assume right-of-way when safe (10 min—1958—Distribution to central film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20–8952 Defensive Driving Series—The Art of Being Passed

How to prevent an accident when another vehicle overtakes and passes you—Slow down and let him pass—How to change lanes—Make turns and pull out from parking zone (10 min—1958—Distribution to central film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

20–8953 Defensive Driving Series—How to Pass Safely

How to overtake and pass a vehicle safely—Make sure you have a clear passing distance—Warn driver ahead—Pass quickly—When to pull back to right lane after your vehicle has passed (10 min—1958—Distribution to central film and equipment exchanges in CONUS and OS—No additional prints available—Commercial Adaptation).

21–8424 Accent on Learning

Acquaints instructors with audio-visual techniques used in the areas of fine arts, engineering, drawing, political science, geography, accounting, anatomy, and industrial engineering—Application of film strips, lantern slides, charts, models, lecture, demonstration, the blackboard, motion pictures, and field experience (30 min—1955—Commercial Adaptation).

MF No.

21–8433 Easy Out (Effects of Dishonorable Discharge)

Harmful results of a bad conduct discharge from service—Effects of a bad service record in civilian life (21 min—1955—From Navy Film MN 7904).

21–8505 Notebook Warrior

This kinescope adaptation relates the story of a young musician's conflict in adapting to his Army environment (53 min—1956—Distribution limited to central film and equipment exchanges in CONUS, USAREUR, and USAFFE—Commercial Adaptation).

21–8797 Trainfire I—A New Course in Basic Rifle Marksmanship

Curriculum, methods, and techniques used—Advantages of new course over old course—Marksmanship and target detection training shown (17 min—1958—Color).

21–8933 Launching the Explorer

Story of historic launching of the first U.S. earth satellite, "Explorer I," on 31 January 1958, at Cape Canaveral, Florida, by the U.S. Army—Depicts the preliminary, intermediate, and final phases of the project—Forerunner of unlimited future in space (10 min—1958).

22–8025 The Way Ahead

The story of a British Infantry platoon from its birth in a training depot to its baptism of fire (118 min—1952—Withdrawn from oversea commands—From British Army Film BC 5406).

28–8250 The Sprints

Fundamentals of sprinting mechanics centering around the 100- and 200-yard dashes—Impact style and natural stretch stride—Synchronization of leg and arm action—Starting technique—Physical fitness exercises—Importance of smooth coordinated action (21 min—1954—Commercial Adaptation).

28–8251 The Hurdles

Fundamentals of basic hurdling styles—Adaptation of styles to varying physiques—Rear hip and leg motion—Body balance—Correct clearance—Physical fitness exercises (11 min—1954—Commercial Adaptation).

28–8252 Broad Jump

Fundamentals of the broad jump—The one, two, and three stride styles—Speed control—Timing and coordination—Physical fitness exercises (11 min—1954—Commercial Adaptation).

28–8253 High Jump

Fundamentals of western roll jump and straddle jump—Body lean and reverse—Proper approach—Coordination of arm and leg action—Special physical fitness and exercises for agility (11 min—1954—Commercial Adaptation).

28–8254 Shot Put

Importance of rhythm—Control of tension—Finger and hand grip—Finger and wrist snap—Foot position—Exercises to develop agility and speed (11 min—1954—Commercial Adaptation).

MF No.

28–8255 Pole Vault

Basic vaulting principles—Fundamentals of western and eastern techniques—Running action—Proper grip—Selection of pole—Vaulting action—Exercises to develop physical fitness and agility (11 min—1954—Commercial Adaptation).

28–8256 Discus

Demonstrating the slow strong and the lightweight techniques of discus throwing—Principles of centrifugal force, proper grips, pivots, finger roll, and heel of thumb pressure (11 min—1954—Commercial Adaptation).

28–8257 Javelin

Javelin throwing techniques—Four-stage catapult throw—Preliminary run—Hand grip—Concluding stride—Throwing stance (11 min—1954—Commercial Adaptation).

28–8258 The Relays

Basic skills of running and passing in the relays—Proper pass for the right event—Visual pass—Blind pass—Right and left exchange—Relay starts (11 min—1954—Commercial Adaptation).

28–8259 The Middle Distances

Proper sprinting techniques of middle distance running—Ball-of-the-foot running—Automatic stride—Pendulum and bicycle strides (11 min—1954—Commercial Adaptation).

28–8266 The Distances

Proper style in running distances—Development of speed and stamina—Controlled tension—Forward knee reflex—Correct automatic stride (11 min—1954—Commercial Adaptation).

30–7964 Classified

(63 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, DA—Film is classified SECRET).

30–7965 Classified

(14 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

30–7966 Classified

(9 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

30–7967 Classified

(20 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

30–7968 Classified

(13 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

MF No.

30–7969 Classified

(9 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

30–7970 Classified

(19 min—1953—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, D/A—Film is classified CONFIDENTIAL).

30–7971 Classified

(18 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, DA—Film is classified SECRET).

30–7972 Classified

(8 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, DA—Film is classified SECRET).

30–7973 Classified

(18 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, DA—Film is classified SECRET).

30–7974 Classified

(12 min—1954—Exhibition limited to CIC personnel on need-to-know basis ONLY. Other showings require authorization by ACofS G–2, DA—Film is classified SECRET).

30–8401 Armies of the World—The Soviet Army—River Crossings

Soviet training film, with dubbed English narration, depicting Soviet river crossing techniques—Emphasis on flexibility, speed, and deception in river crossing operations (30 min—1955—Film Reference).

30–8407 Intelligence in Amphibious Operations (U)

(25 min—Distribution limited to CFLs in CONUS; OS Exchanges and Service Schools of the Combat Arms—Film is classified CONFIDENTIAL).

30–8408 Armies of the World—The Soviet Army—Reconnaissance

Basic techniques of reconnaissance applied by Soviet Army in combat—Infantry reconnaissance during day and night operations—Soviet reconnaissance-in-force, showing how it is used to test enemy defenses and how it can expand to a full-fledged attack—Emphasis on employment of prescribed techniques for success in battle (25 min—1955—Film Reference).

30–8409 Armies of the World—The Soviet Army—Use of Smoke

A Soviet training film, with dubbed English commentary, explaining the application of smoke in combat operations by the Soviet Army—Typical situations where smoke is used for purposes of deception and concealment (19 min—1955—Film Reference).

MF No.

30–8423 Armies of the World—The Soviet Army—Artillery

Characteristics and use of major Soviet artillery weapons, showing mortars, guns, antitank weapons, AA weapons, howitzers, and captured German weapons—History and development of weapons for use in combat—Comparison with American models—Continued research, development, and production of weapons (25 min—1955—Film Reference).

30–8327 Armies of the World—The Soviet Army—Armor

History and development of Soviet armor showing early and advanced models—Characteristics and tactical uses of Soviet armored vehicles—Research and development toward greater mobility and range of Soviet mechanized equipment (25 min—1955—Film Reference).

30–8432 Armies of the World—Soviet Partners in the Orient

A Soviet training film with dubbed English commentary describing how communism came to dominate the Orient and her people—Political history of China since 1911—Showing how internal disharmony and Soviet sponsorship molded the Red China of today and how Soviet influences are reflected in North Korea and Indo-China (25 min—1955—Distribution in CONUS and—Overseas—Film Reference).

30–8439 Armies of the World—Soviet Army—Camouflage

Camouflage of men and equipment in wooded areas, on the desert, during winter operations, in rear areas at the main line of resistance (19 min—1956—Film Reference)

30–8443 Armies of the World—Soviet European Satellites

Background of events that led to Soviet domination over her European satellites—Use of Soviet propaganda and deception—How political capitulation effected national economic, social, and military aspects—Current trend in satellite countries toward eventual active resistance for national freedom (33 min—1955—Film Reference).

30–8588 Armies of the World—Soviet Army Higher Headquarters in Combat

Development and capabilities of Soviet Military High Command in late 1930's, WW II, and post war to present command structure and doctrine (40 min—1956—Film Reference).

30–8616 Armies of the World—Soviet Partisan Warfare

Growth and development of partisan organization—Activity in WW II—Expansion after WW II—Role in Korea, Tibet, and Indo-China (34 min—1956—Film Reference).

30–8633 Armies of the World—The Soviet Army—Summer Training Cycle

Military and political instruction of Soviet soldier—Basic drills, unit exercises, maneuvers, weapons, equipments—Army uniforms, insignia, and decorations (29 min—1957—Color—Film Reference).

30–8656 Strategic Intelligence School—Area Film Studies—Number 1—USSR

A study of the geography, ethnic groups, social, economic and political aspects—Evaluation of USSR strengths and weaknesses (26 min—1956—Film Reference).

MF No.

30–8657 Strategic Intelligency School—Area Films Studies—Number 2—Far East

Study of China, Japan, Korea and Taiwan—Their political significance on the international scene (30 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

30–8670 Eyes of the Services

Use and capabilities of photographic intelligence in combat from Civil War days to the present—Advanced methods and equipments in use today (23 min—1957—Color—From Navy Film MN 9267—Distribution to Central Film and Equipment Exchanges in CONUS and overseas for loan to Intelligence personnel concerned).

30–8672 Strategic Intelligence School—Area Film Studies—Number 3—Eastern Europe

Study of Eastern European Soviet satellites since WW II—Rise of Communist influence and its effects in rural and urban life (27 min—1956—Film Reference—FOR OFFICIAL USE ONLY).

30–8697 Strategic Intelligence School—Area Film Studies—Number 4—Africa

Geographical, political, sociological, and economic aspects of four major areas of Africa: North Africa (excepting Egypt), the independent and emerging self-governing nations, colonial Africa, and European Africa (49 min—1957—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and slected service schools concerned—Film is FOR OFFICIAL USE ONLY).

30–8706 The Case of Comrade "T"

Experiences of a Communist agent in several industrial plants—Stress on awareness of security by individual worker (23 min—1956—Color—Commercial Adaptation—Distribution to central film and equipment exchanges in CONUS).

30–8763 Strategic Intelligence School Area Film Studies—Number 7—South Asia

Study of South Asia, covering its geography, primary economic and political aspects, and major problems facing the nations within it—Relative importance to other world powers because of strategic trade routes within its boundaries—Factors that impede economic development and status of each country (36 min—1958—Film Reference—Film is FOR OFFICIAL USE ONLY).

30–8771 Strategic Intelligence School, Area Films Studies—Number 6—Southeast Asia

Appraisal of the Philippines, Indonesia, Burma, Thailand, Indo-China, and Malaya in terms of economic, political and military factors (33 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

30–8901 Strategic Intelligence School Area Films Studies—Number 9—Latin America

Outlines the area in terms of geography, historical background, ethnic composition of the people, economic and political aspects, and strategic importance to the United States (41 min—1958—Film

MF No.

Reference—Distribution to central film and equipment exchanges in CONUS and Service Schools—Film is FOR OFFICIAL USE ONLY).

31–912 Sky Blitz

Captured German film of Nazi paratroopers taking Dutch bridge at Moeredijk (25 min—1944—Film Reference).

31–7724 Exercise Sweetbriar

Combined American and Canadian defense tactics against "aggressor" invaders of Alaska and Canada—Aggressors routed, forced to abandon attack, and driven off continent—Advantages of using air power for logistics, tactics, and strategy in cold weather operations (29 min—1950)

31–7727 Hit the Beach

Operation MIKI—Visualization of joint Army-Navy maneuvers in Pacific—Preparation and subsequent landings—Operation MIKI (Hawaiian translation for readiness)—Landing men and equipment—Necessity of high-level planning (18 min—1950).

31–7977 Winter Movement on Skis

Winter movement techniques for combat soldiers on skis—When and how to effect the three types of movements—Position of rifle during the movements—Individual protection against cold (18 min—1953).

31–7978 Firing Positions in the Winter

How the combat soldier on skis assumes the prone, kneeling, and standing ready positions for fixing—Methods of providing for cover—Typical trenches for various positions—Camouflage—Rifle support—Adequate protection (13 min—1953).

31–8290 Exercise Ski Jump

Cold weather operations, in north temperate, subarctic regions, of a tactical unit—Equipment and techniques for personal and tactical survival—Survival in mountain operations (25 min—1954).

33–7914 Psychological Warfare—A Combat Weapon in Korea

Techniques and objectives of psychological warfare—Prominent role in Korea—Strategic propaganda a tactical science—Phases of army psychological propaganda program—Schools indoctrinate personnel in nature, methods, and techniques—Invaluable support to fighting strength of combat troops (17 min—1953).

33–8204 Photolithography—I—How to Make a Good Impression

Three major methods of printing (lithography, letterpress, and gravure)—Emphasis on offset lithography process—Details of duplicating black and white and color originals by means of direct and photo offset lithography (25 min—1955—Color—Commercial Adaptation).

33–8205 Photolithography—II—A Better Run for Your Money

Effectiveness of printed advertising and its salesmanship value—Advantages of offset lithography over other forms of printing in advertising (20 min—1955—Color—Commercial Adaptation).

MF No.

35–945 We Serve

Problems of the British Auxiliary Territorial Service officer and her responsibilities (30 min—1944—Film Reference—From British Film BC 285).

35–7858 No Greater Heritage

Morale and the fine heritage of the Women's Army Corps (21 min—1951).

38–7917 Yuma Test Station Facilities

Showing the important role this Arizona station plays in the research and development program—Many branches of the army test men, equipment, and operations here under typical desert conditions (17 min—1953—Color).

38–7928 Fireball Phenomena at Bikini

Depicting, by use of animation, the physical and chemical characteristics of the air burst at Bikini (5 min—1953).

38–7951 Design for Survival

Conservation of raw materials in designing, planning, manufacturing, and purchasing military equipment—To prevent shortages and subsequent production cutbacks these suggested conservation methods should be employed: keep design simple; avoid overdesign; maintain standardization; use alternate materials; maintain equipment; collect and use scrap materials (23 min—1953—Film Reference).

38–8007 Quality Control Through Statistical Methods—Process Control

Precision roller bearings used as an example of quality control through statistical methods—Measurement of several roller bearings from each batch of 100—Then segregation into groups according to amount of tolerance from the exact size plus or minus—Quantities then plotted on graph to indicate whether finished product being turned out falls within acceptable quality standards—Typical steps taken to improve quality standards where necessary—Steps taken to increase quantity if quality standards are higher than necessary at the expense of quantity—Steady efficient production in accordance with specifications assured by statistical quality control measures (13 min—1952—From Navy Film MN6621–A).

38–8008 Quality Control Through Statistical Methods—Acceptance Sampling

Statistical quality-sampling methods for products and materials procured by armed forces contractors—Cheapness and efficiency of acceptance sampling—Plotting of results of sampling tests on operating characteristic curve which serves to predict the magnitude and frequency of variations from specification standards—Sequential sampling technique (17 min—1952—From Navy Film MN6621–B).

38–8441 Peelable Plastic Packaging

Characteristics and uses of butyrate peelable plastic material in packaging and storage of critical parts—Manual and mechanical methods of application (15 min—1955).

38–8512 The Engineered Performance Standards Program

Purpose—How it works—Effectiveness—Specialized training course for work analysts—On-the-job experience—Assignments to study

MF No.

specific work operations—EPS Program in effect (16 min—1955—Distribution limited to film libraries servicing Signal Corps agencies specified by OCSigO—From Navy Film MN 7837).

38–8554 The Army Program System

General concept and fundamentals of the Army Program System—Need, responsibilities, primary programs and their use—Three elements of the system (development, execution, and review and analysis) (13 min—1955—Film Reference—Distribution in CONUS and overseas).

38–8555 The Army Program System—Development "Planning What to Do"

Channels and procedures in the development phase of programming—Actions taken after assignment of mission to the Army—Establishment of required programs—Preparation of program documents and their use at major commands (13 min—1955—Film Reference—Distribution in CONUS and overseas).

38–8556 The Army Program System—Execution "Doing the Job"

Procedures used to carry out jobs outlined in program development—Setting up and time-phasing of summary and operating schedules for programs at command level—Securing resources—Responsibilities of lower commands (11 min—1955—Film Reference—Distribution in CONUS and overseas).

38–8557 The Army Program System—Review and Analysis "Checking on the Results"

Explanation of review and analysis flow—Methods of analysis—Examples of an analysis of quantity, quality, economy, efficiency, and substandard work—Summary and analysis—Use of results (10 min—1955—Film Reference—Distribution in CONUS and overseas).

40–926 Price of Rendova

Combat operations in Rendova by American troops—Establishing beachhead—Invading jungle—Japanese dive bombers in a counter-attack (11 min—1944—Film Reference).

40–1002 Desert Victory

History of the African campaign, WW II, British version—Rommel's forces driven across North Africa by British 8th Army (63 min—1944—Film Reference—Withdrawn from oversea commands—From British Film BC 7525).

40–1008 War Department Report

Report on the Army in WW II, as of 1944 (47 min—1944—Film Reference).

40–1009 Battle of Midway

Activities at and around Midway Island just before, during, and after the Battle of Midway (20 min—1943—Color).

40–1041 Attack—The Battle for New Britain

Attacks on Arawe and Cape Gloucester on New Britain—From plan of attack to final victory (47 min—1944).

MF No.

40–1043 The Eve of Battle

Activity on D-day-minus 1—Eve before forces of US hit beaches of Normandy (20 min—1944—Withdrawn from oversea commands—From British Film BC 7559).

40–1128 Action at Anguar

Story of the 81st Infantry Division (27 min—1945).

40–1211 True Glory

Invasion of Europe and victory over Nazis—Entire operation (83 min—1945—Withdrawn from all types of public exhibition).

40–1212 Fury in the Pacific

Amphibious assault of American troops in the Battles of Peleliu and Anguar (20 min—1945—From Navy Film MN 9045).

40–1336 Air Siege

Air attacks on Ploesti oil fields by the 15th Air Force—Demolition of refineries by 19 August 1944 (21 min—1947—From Air Force Film SFP 175).

40–7534 The Last Bomb

Bomber and fighter operations in Far Eastern area—Dropping first atomic bomb (21 min—1949—Color—From Air Force Film SFP 193).

40–7884 United Nations Campaign in Northeast Korea

Relating progress of UN forces after their liberation of Seoul—Amphibious landings at Wonsan and Iwon—Capture of Pyongyang—UN forces weakened—Abandonment of Hungnam, largest amphibious evacuation in military history, completed on Christmas Eve, 1950 (25 min—1952—Distribution limited to ZI).

44–7556 NIKE (U)

(58 min—1949—Limited distribution—Printing discontinued, alternate film MF 9–8175 may be used—Further distribution must be authorized by USCONARC—Film is classified CONFIDENTIAL).

44–8062 NIKE System Field Test (U)

(7 min—1952—Color—Limited distribution—Printing discontinued, alternate film MF 9–8175 may be used—Film is classified CONFIDENTIAL).

44–8247 The Skysweeper—Emplacement and March Order

Medium range AA gun mounted on bogies and towed by a prime mover—Nine-man gun section demonstrates the nine steps for emplacement of weapons and the nine steps for march order (14 min—1954).

44–8263 Guided Missiles of the Armed Forces (U)

(14 min—1954—Color—Distribution limited to CFL's in CONUS—From Navy Film MN 9191–C—Film is classified CONFIDENTIAL).

44–8406 Visual Problems Induced by Supersonic Speeds

Discussion of complexity of visual problems of ground observers and pilots in relation to aero-medical, engineering and tactical aspects—Factors affecting observation and identification of supersonic

MF No.

aircraft by ground observers and pilots—Application of electronic devices, such as radar, in solving observers' problems—Future role of such devices is stressed (47 min—1955—Color—Distribution limited to one print for each central film library and exchange in CONUS and overseas).

44–8852 NIKE—For Defense of America

The story of the development of the NIKE missile, in 1945, by Bell Telephone Laboratories and Douglas Aircraft Company—Reviews features and capabilities of NIKE, and illustrates the operation of a NIKE Battery under simulated tactical conditions (13 min—1958—Color—Distribution to Army Film and Equipment Exchanges in CONUS).

45–1278 Hell for Leather

History of the 1st Cavalry Division—Horses used in combat until 1943—Hardships of jungle fighting—First to enter Leyte and then Tokyo (9 min—1946).

45–1279 The Fighting First (Pride of Outfit Film)

The 1st Infantry Division's eight campaigns and three invasions during WW II—Combat operations during these engagements—Attacks and counterattacks on foot, in truck, and in assault boats (13 min—1946).

45–1295 Operation Thunderbolt

Picked men trained for highly coordinated unit combining speed and striking power—The US constabulary forces—Purpose and methods of operation (14 min—1947).

45–1426 The 82d Airborne Division (Pride of Outfit Film)

History of 82d Airborne Division from WW I to and including WW II—Division in combat—Sicily, Salerno, Anzio, Normandy, Holland, and the Battle of the Bulge (21 min—1948).

45–7533 Seventh Infantry Division (Pride of Outfit Film)

History of four major campaigns fought by 7th Infantry Division—Attu, Leyte, Kwajalein, and Okinawa—Early training in Calif—Occupation duties in Korea (23 min—1949).

45–7545 The Inauguration of President Truman

Inauguration and highlights of inaugural address (18 min—1949).

45–7552 Pass in Review

Events in airborne, amphibious, and cold weather training—European and Pacific occupation—Army athletic events—Army news events—Recent technical developments—Strength in manpower and armament of infantry division—Need to maintain a strong Army, Navy, and Air Force (11 min—1949).

45–7561 Made in Occupied Japan

Revival of pottery industry in Japan—Processes involved in pottery making—Molding, shaping, baking, decorating, and packing (14 min—1949).

MF No.

45–7563 Twelve Nations Sign North Atlantic Pact

Signing North Atlantic Pact—Speeches by former Secretary of State Acheson and former President Truman emphasize purpose and benefits of pact—Representatives of each of 12 nations sign pact and make statement (14 min—1949).

45–7591 Assignment Germany

Occupation soldier's job in Germany—Assignments for which men are best qualified—Rehabilitation of German business and industry—Re-establishing German democratic government and re-educating German people (14 min—1949).

45–7596 Nuremberg

War crime trials conducted by Allies at Nuremberg—Flash backs to various crimes against humanity committed by German High Command during WW II (76 min—1949—Can be used only in its entirety).

45–7705 The Famous Third Army

General Patton's 3d Army advance into the heart of Germany—Strategy—Tactics—Air and logistical support (22 min—1950).

45–7726 This is West Point

Origin and mission of US Military Academy—Comprehensive view of life of cadet from time of entry to graduation (25 min—1951).

45–7744 Edition Tokyo—A Story of the Press in Occupied Japan

Importance of press in Japan today—Constitution of 1947—New concept of human freedom and personal dignity—Free, respected, and courageous press—Accumulation of news and photographs—Printing processes—Distribution—Similarity of Japanese newspaper techniques to our own (19 min—1950).

45–7761 The First Forty Days

Combat footage of first 40 days of operations in Korea (26 min—1950).

45–7805 Hail Alma Mater

Familiar views of US Military Academy (6 min—1951—Distribution limited to the ZI).

45–7814 The 83d Infantry Division in Europe

Omaha Beach landing—Relieving 101st Airborne—Fighting through hedgerows of Normandy—Taking St Malo—Surrender of 20,000 Germans in Loire Valley—Battle of the Bulge—Hurling back enemy in the Ardennes—Drive of Elbe River (20 min—1951).

45–7844 The Story of MDAP

Formation of the Atlantic Pact Alliance—Enactment of Mutual Defense Assistance Pact—Contributions by member nations (25 min—1951).

45–7912 The Army ROTC, Learn Today, Lead Tomorrow

ROTC training advantages—Development of leadership qualities—Participation in civic duties (24 min—1952—Color—Distribution limited to ZI, Hawaii, Alaska, and Puerto Rico).

MF No.

45–7925 Alliance for Peace

Background events that led to the formation of the North Atlantic Treaty Organization—NATO mission purposes (40 min—1952—Distribution limited to ZI).

45–7926 Effective Utilization of Manpower in the US Army

Problem of effective manpower utilization in the US Army—Scarcity of qualified military and civilian personnel emphasizes need for supervisors to utilize intelligently available manpower—Discussion of army program to combat shortage and to increase efficiency (23 min—1952).

45–7945 Helicopter Special Delivery

How the helicopter has added mobility to the infantry—How river crossings are accomplished with a helicopter company—Helicopter delivery of men, artillery, ammunition, and return loads of wounded (11 min—1953).

45–7947 Operation Blue Jay

Construction aspects of the giant airbase at Thule, Greenland, built with the permission of the Danish government through the joint efforts of US armed forces' specialists and industrial experts (25 min—1953).

45–7950 This is Your Army

A comprehensive picture of worldwide activities and operations of responsibilities of army—Nature and structure—Traditions and spirit—Mission (79 min—1954—Color).

45–8198 The Unseen Army

Definition and documentation of duties and responsibilities of civilian workers in the Ordnance Corps (23 min—1954—Commercial Adaptation).

45–8288 Adjustment to Military Life

Adjustments a trainee is required to make in his transition from civilian to military life—Emphasis on physical and moral standards (18 min—1954—Film Reference).

45–8354 Guided Missiles

Developments in guided missiles—Principles of operation—Tactical use—Sepcialized training courses at Fort Bliss and at White Sands Proving Grounds—Brief history of development of the forerunner, the rocket (26 min—1954).

45–8355 It's Your America

An American soldier, during his combat career, realizes the greatness of his country and determines to assume his share of the responsibilities of good citizenship upon his return to civilian life (31 min—1945—Film Reference).

45–8438 Letter from a Mother

Report of an American Mother's feelings showing not only her deep affection for her son but an understanding of the role he must play in the defense of his country (10 min—1955).

MF No.

45–8440 The Soldier's Mission and Responsibilities

Soldier's mission and responsibilities in defense of his country—Training and equipment offered him to meet the highest physical, moral, and mental standards to help prepare himself for battle (13 min—1955).

45–8521 The Making of a West Pointer

Origin and mission of US Military Academy—Its traditions and ceremonies—Comprehensive view of life of cadet from time of entry to graduation—Course of study—Recreational activities (40 min—1955—Color—Distribution in CONUS and overseas).

45–8562 The Steel Ring (AA Defense of US)

Vulnerability of the US to sneak atomic attack—Radar and AAA defense centers composing the complicated defense perimeter known as the "Steel Ring"—Specially trained personnel operating the system (26 min—1955).

45–8568 Concept for Victory—A Message to the Personnel of the US Army by General M. B. Ridgway

General M. B. Ridgway discusses the mission of the Army in war, the vital role of ground forces, and the importance of the ground fighting man (16 min—1955).

45–8573 The Rack

Depicting, in story form, the problems related to the standards of conduct required of military personnel after capture by the enemy (60 min—1955—Distribution to central film and exchanges in CONUS and overseas—Commercial Adaptation).

45–8575 Field Training for ROTC

Intended for ROTC cadets who are about to attend six-week field training course at ROTC summer camps—Depicts life and training at a typical general military science ROTC camp at Fort Benning—Stress on development of quality of leadership (48 min—1956—Color—Film Reference).

45–8586 The Role of the Army

Role and responsibilities of the US Army in defending the security of the nation (25 min—1955).

45–8589 Men 17 to 18½—Your Future and the New Reserve Law

Designed to interest teen-age youths in joining Army Reserve—Defines provisions of new Reserve Forces Act of 1955 (12 min—1955—Distribution in CONUS only).

45–8615 Operation Noah

Work of engineers and other services in rehabilitation of Northeastern United States hit by flash floods in the Summer, 1955 (29 min—1956—Distribution in CONUS and overseas).

45–8652 A Look at Your Army

A message from General Maxwell D. Taylor, Army Chief of Staff, on the vital role of the Army and the merits of an Army career (12 min—1956).

MF No.

45–8694 Take 6

Designed to interest teen-age youths in joining the NG—Explains National Guard military training under provision of new Reserve Forces Act of 1955 (11 min—1956).

45–8698 Nike for the Defense of Your Community

Guided tour of typical NIKE installation in Upper Marlboro, Maryland—How it operates to defend the nation's capital (13 min—1956—Distribution to central film and equipment exchanges in CONUS and Overseas for use by PIO's).

45–8709 The Do It Yourself Peace

Narrated by John Daly—Develops the theme that strength in Reserve is the foundation for peace (27 min—1956).

45–8710 A Tale of 2,000 Cities

Narrated by Edward R. Murrow—Traces development of strong American military force since World War II—Develops theme of strength in reserve as power against Communism (25 min—1956).

45–8711 Fire Power

Narrated by Edward R. Murrow—Develops the theme of preparedness with trained men and effective fire power as the strength required to maintain the peace (25 min—1956).

45–8712 The Man in Two Places

Narrated by John Cameron Swayze—Develops the theme of strength in Reserve as the power for peace (27 min—1956).

45–8713 One If By Land

Narrated by Walter Cronkite—Theme of military preparedness in Reserve as the power for peace and survival in case of atomic war (27 min—1956).

45–8798 Our Sons (Recruiting for USAR)

Explains New Reserve Forces Act, outlining the Army Reserve Enlistment Program for men 17 to 18½ and 18 to 26 years of age (36 min—1958—Color).

45–8936 The Big Picture—The Pentomic Army

The organization of the modern army and major elements of the new tactical concept are discussed—New type nuclear and conventional weapons are demonstrated—New air and ground transportation equipment are shown (28 min—1958—Distribution to central film and equipment exchanges in CONUS, USARAL, USARPAC, and USARFANT).

46–8358 Land Based Helicopter Operations—Functions

Evaluation of the helicopter's versatility in direct tactical support of transmission of men and weapons, wire communication, rescue work and evacuation of wounded (10 min—1954—From Navy Film MN 7411–A).

46–8359 Land Based Helicopter Operations—Precautions

Capability and versatility of the helicopter in performing various missions—Emphasis on Precautions that should be taken to safeguard

MF No.

plane, cargo, and personnel (11 min—1954—From Navy Film MN 7411–B).

46–8574 Army Helicopters

History and use of helicopters in Army Aviation—Training of helicopter pilots at the Army Aviation School, Ft. Sill, Oklahoma (15 min—1955—Distribution to central film and equipment exchanges in CONUS and overseas—Commercial Adaptation).

46–8905 Helicopter—Vibrations and Resonance—Part 3—Vibrations in the H–21

How to recognize, how to determine source, and corrective action required for each type of vibration—Covers vertical, lateral, medium and high frequency, and fuselage vibrations—Vibrations caused by blades out of track and loose transmission bolts (5 min—1958—Air Force Film Nr TF 1–5102e).

46–8910 Helicopters—Emergency Procedures—Part 4—Emergency Procedures in the H–21

Recovery from stalls—Settling with power—Recovery from servo system failure—Procedures employed in case of fire and ditching with passengers (5 min—1958—Air Force Film Nr TF 1–5102j).

54–1112 Stock Control at War

Stock control as the most expeditious means of getting supplies—Delivering supplies where needed (20 min—1945).

54–1114 C.O.D. Saipan

Loading supplies at Hawaii—Convoy to battle area—Naval barrage and strafing at H–hour—Invasion of the island—Constant flow of vital supplies (23 min—1945).

55–1135 Rolling to the Rhine

Importance of trucks in maintaining supply lines in Europe during WW II (9 min—1945).

55–1311 Training Film for Amphibious Instruction

Amphibious techniques in combat taken from WW II Combat Bulletins (66 min—1947—Limited to ZI).

55–7948 The Army Transportation Corps

History, responsibilities, training program, and current operations at ports of embarkation and in Europe and Korea (27 min—1953—Distribution limited to Class II TC Installations and central film libraries in CONUS).

55–7952 Transportation Corps Operations—SUNAC

The 373d Transportation Port making final preparations for an important mission in support of North Atlantic Command in arctic area—Physical characteristics of docks and installations in Far North—Varied and ingenious cargo handling methods and field expedients (27 min—1953).

55–8044 Navigation—Charts

Meaning, advantages, and limitations of Mercator, gnomonic, and Lambert conformal projections (15-min—1952—From Navy Film MN 83–B).

MF No.

55–8045 Dead Reckoning

Basic plan of Mark 3 board, animating a small-scale problem as it is worked out on the board—Plots in geographic position and solution of wind problem (20 min—1952—From Navy Film MN 83–G).

55–8046 Navigation—Piloting (Surface)

Importance of accurate piloting and use of bearing circle, compass repeater, and alidade in securing bearings (18 min—1952—From Navy Film MN 83–H).

55–8047 Navigation—Fog Piloting

Navigating the Savannah River from Hampton Roads to Philadelphia Navy Yard during heavy fog—Charting courses with positions judged by fathometers, radio directional bearings, and diaphone (23 min—1952—From Navy Film MN 83–V).

55–8048 Rules of the Nautical Road—*Halifax* Incident

How the *Halifax* disaster was caused by misinterpretation of a ship's whistle signal—International rules—Importance of taking bearings—Definition of selected nautical terms (26 min—1952—From Navy Film MN 202–A).

55–8049 Rules of the Nautical Road—Meeting Steam Vessels

Five examples of steam vessels meeting on high seas and inland waters—Proper whistle signals for each situation—How to figure the degree of turn of a vessel at various distances (17 min—1952—From Navy Film MN 202–K).

55–8050 Rules of the Nautical Road—Overtaking Situation

Whistle signals to be used on the high seas when overtaking and three examples of use—The whistle system for inland waters and four examples of use—Applications of rules for overtaking vessels in narrow channels (15 min—1952—From Navy Film MN 202–N).

55–8051 Rules of the Nautical Road—Crossing Steam Vessels

Definition of the term crossing—Examples of general rules for both international and inland waters—Use of whistle signals in crossing situations (15 min—1952—From Navy Film MN 202–R).

55–8052 Aids to Navigation—How to Use Navigational Aids

Use of nautical charts showing navigational aids—Identification of various symbols found on charts (7 min—1952—Color—From Navy Film MN 202–AC).

55–8053 Navigation—Interpretation of Bearings, Single Lines of Position

Reciprocal bearing—Celestial IOP's—Fixes—Intercept toward and away—Determining ground speed, wind direction, and velocity—Proper procedure for plotting a course (19 min—1952—From Navy Film MN 507–C).

55–8150 A Day in Court

Point out that traffic safety is a problem of gravest importance to the nation—Responsibility of individual driver—A solution to the problem may be to change driver's habits and attitudes (32 min—1952—Distribution limited to CONUS—Commercial Adaptation).

MF No.

55–8158 Helicopter Orientation, Introduction to Rotary Wing Flight

A brief history of the development of the helicopter—Varied uses in peacetime and wartime aviation—Aerodynamic principles of rotary-wing flight—Animation and live scenes show primary functions: vertical flight, horizontal flight, and directional control (28 min—1953—Distribution limited to CONUS—From Navy Film MN 7306–A).

55–8243 Tractor Sled Operations (Icecap—II)

Successful tests conducted by Transportation Corps in summer of 1953 to determine practicability of hauling heavy tonnages over the Greenland Icecap (10 min—1955—Color).

55–8244 Railroad Freight Handling—Ichabod, the Man Without a Head

Right and wrong methods of handling freight—Proper loading, unloading, and stowing can prevent damage, cost, and danger resulting from improper methods (15 min—1954—Color—Commercial Adaptation).

55–8245 Icecap—II

Successful test mission of the Army Transportation Corps expedition, 110 miles across the icecap of Greenland in 1953—Test of capabilities of men and equipment under arctic conditions (28 min—1954).

55–8411 Shipbuilding Safety—Rigging: Making a Safe Lift

Three basic steps for making a safe lift: make a safe plan, use safe gear, use gear safely—A safe lift eliminates danger in shipyards during rigging operations (20 min—1955—From Navy Film MN 7486–B).

55–8412 Shipbuilding Safety—Rigging: Maintenance and Care of Gear

Three rules for proper care and maintenance of rigging gear: handle gear correctly, overhaul gear thoroughly, test gear regularly (19 min—1955—From Navy Film MN 7486–C).

55–8454 Combat Loading—Part II—Indian Joe

Scenes of beachhead at IWO showing importance of smooth flow of supplies in landing operation—problem of combat loading a Marine Division for landing operation (4 min—1955—Color—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Marine Film No. MH–5343B).

55–8455 Amphibious Warfare—Handling the Landing Craft

Shows how LCM–3's, LCP's, and LCV's are launched from a transport, loaded alongside, and stowed aboard ship (15 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN–942D).

55–8456 The LST—Employment

LST employment, combat loading, loading cargo, transportation, and discharge of LVT's and DUKW's, Transport QM's duties (19 min—1956—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 302B).

55–8457 Amphibious Ships, Crafts, and Vehicles

This film describes numerous types of landing craft, amphibious vehicles and control ships and their salient features (21 min—1955—

MF No.

Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Marine Film MH 7483).

55–8458 Amphibious Warfare, The LCVP—Pt II—Boat Handling

Demonstration of equipment checks, before starting engine checks, and gear checks are demonstrated—All phases of boat handling and securing are explained (19 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 4306B).

55–8459 Amphibious Warfare, The LCM (3) Operation

Describes primary and advanced boat handling—Use of ramp in emergency and anchor—Unloading of a boat from ship (21 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 4307B).

55–8460 Lookout Training—Your Importance

Explanation of Lookout's duties, stressing importance of constant vigilance and immediate report (contact first, then follow up) (4 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 16N).

55–8461 Lookout Training—Bearings

Procedure for determining relative bearings from line of ships course is discussed and demonstrated with models—Explains correct terminology (4 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 16R).

55–8462 Lookout Training—Lookout

Sky, horizon and surface, search—Estimation of relative bearing and position angle—Care of binoculars (23 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 16U).

55–8463 Navigation—The Earth

Poles, great circles, parallels, meridians, longitude, latitude, nautical mile and departure (20 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 83A).

55–8464 Navigation—Nautical Astronomy

By animation shows how the celestial coordinates are placed in relation to earth—Describes use of declination, zenith point, nadir line, etc. (18 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 83C).

55–8465 The Gyro Compass—Principles of the Gyroscope

Principles of Gyroscope—Shows 3 degrees of freedom of Gyroscope—Further study of precision, rigidity, and apparent rotation (10 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1792A).

MF No.

55–8466 The Gyro Compass—The Gyroscope and the Earth's Rotation

How a simple gyroscope becomes a gyro compass—Principles of rigidity and precision, and apparent rotation and gravity (10 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1792B).

55–8467 The Gyro Compass—The Gyroscope and Gravitation

Theory and operation of Pendulous and Mercury ballistic type compasses—Effect of gravity upon gyroscope (12 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1792C).

55–8468 The Gyro Compass—The Gyro Becomes a Compass

Why gyro turns toward meridian—How its motion is damped—How it is kept on meridian (15 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1792D).

55–8469 The Gyro Compass—The Compass Systems

Five major assemblies of a Sperry Mark 14 Gyro Compass—Operation of followup and repeater systems (16 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1792E).

55–8470 Officer of the Deck—At Sea—Pt I

For Officer indoctrinees and Midshipmen information—Routine and unusual incidents e.g.—Man overboard and near-collision (26 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3212A).

55–8473 Handling, Stowing, and Transportation of Explosives as Cargo on Board Merchant Vessels

Describes the loading capacity and stowage facilities of a Liberty type vessel, showing: cargo booms and hatches; handling gear; boiler and engine room—Demonstrates use of the hoist in unloading and loading bombs with protective rings, nose fuzes and tails; torpedoes (65 min—1956—From Navy Film MN 3313).

55–8474 Damage Control—Investigation to Damage

Shows damage control organization and emphasizes importance of careful investigation and reporting (18 min—1955—Color—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 4920D).

55–8475 Damage Control—Elements of Stability in Ships

Employs miniature hull in glass tank filled with water to explain principle of buoyancy and gravity—Effects of loading on stability—Period of roll of ship (37 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 61F).

55–8477 Painting Ships and Boats

Demonstrates technique of handling paint: opening, mixing, stirring, boxing, dipping, laying-on, and laying-off paint (9 min—

MF No.

1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 76C).

55–8478 Painting Ships' Bottoms—Sandblasting

Continuous or intermittent sandblast equipment, how it is set up and used, and how operator is clothed during operation (10 min—1956—Color—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2528A).

55–8479 Painting Ships' Bottoms—Hot and Cold Plastic Anti-fouling Paint

Discusses and illustrates: painting ships bottoms with hot and cold plastic anti-fouling paints—Good conditions for painting—Preparation of paint and safety (10 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2528B).

55–8481 Handling a Lifeboat Under Oars—Rowing—Part I

Shows proper wrist and body movements in rowing—Points out four phases of a complete stroke (12 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film MG 2160A).

55–8482 Handling a Lifeboat Under Oars—Commands—Part II

Explains commands pertinent to handling lifeboat under oars—Shows proper stance for coxswain and men (10 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film MG 2150B).

55–8483 Shipbuilding Skills—Nomenclature of Ship's Fundamentals

Shows elementary ship's directory—Explains base, center, water, buttock, and frame lines—Study of ship's structure (20 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2334A).

55–8484 Shipbuilding Skills—Ship's Blueprints Basic

Explains and illustrates steel structural elements used in shipbuilding—Shows how they are depicted on a blueprint (21 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Commands—From Navy Film MN 2335A).

55–8485 Shipbilding Skills—The Shipfitter—Lifting Templates for a Foundation

Teaches how to lift a template within the hull of a ship—Shows how to transfer the shape of the hull by use of measurements and cardboard (23 min—1956—From Navy Film MN 2338A).

55–8486 Shipbuilding Skills—Shipfitter—Simple Foundation—Part II

Shows how layout man develops job from the templates—Use of shears, burning torch, cold press and punch (16 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2338C).

MF No.

55–8487 Shipbuilding Skills—Coppersmith—Flaring and Reducing

Flaring and reducing tubing—Annealing, bumping, cleaning, and finishing—Shaping of copper plates (by hand methods) (18 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Commands—From Navy Film MN 2346A).

55–8488 Shipbuilding Skills—Blacksmith—Calculating and Bending Rings and Links

Linear calculation of stock—Forming of rings and links—Forge welding—Use of hand tools (21 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Commands—From Navy Film MN 2350A).

55–8489 Safety in Navy Yards

Danger in not wearing safety apparel, safety rules for traffic, lifting, welding, etc. (16 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 1921A).

55–8523 Sheet Metal—Hand Method of Forming

Metal bumping on stakes, dollies, sand bag, bumping mould, and bending block (20 min—1955—From Navy Film MN 26).

55–8524 Rotary Machines

Operation and care—How to bead, flange, and crimp sheet metals (20 min—1955—From Navy Film MN 27).

55–8525 Machine Methods of Forming Sheet Metal

How to curve sheet metal and shape curved parts (20 min—1955—From Navy Film MN 28).

55–8526 Bar Folder

Adjustments and parts—Use in making flanges and hems (10 min—1955—From Navy Film MN 29).

55–8527 The Diesel Engine—Scavenging and Supercharging

Operation of 2-stroke cycle, single and double acting engines and opposed engine—Scavenging and supercharging air (16 min—1955—From Navy Film MN 42B).

55–8528 Diesel Engine Governors—GM Series 71

Operation of main governor assembly—Action through low, intermediate, and high speed ranges (12 min—1955—From Navy Film MN 44B).

55–8529 Diesel Lubrication and Cooling Systems—GM 71 Series

How oil courses through and lubricates each component part—Action of ventilation system (12 min—1955—From Navy Film MN 45–B).

55–8530 Diesel Engine Fuel Systems

Basic structure—Operation of injectors and fuel pumps—Examination of air injector, Bosch, GM and Excello equipment (39 min—1955—From Navy Film MN 46–A).

MF No.

55–8531 Cooper Bessmer Diesel Engine Fuel Injection Systems

Operation of fuel injection system—Examination of fuel pump—Fuel delivery and pressure (14 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 46–B).

55–8532 Progressive Maintenance Diesel Propulsion Engine

Disassembly of main bearing, inspection and cleaning of bearing shells—Reassembly of bearing (17 min—1956—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN209D).

55–8533 Gray Marine Diesel Goes to War

Twenty-two step procedure for starting new engine or after an inactive period of a week (14 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—Commercial Adaptation).

55–8534 Gray Marine Diesel Goes to War—Service and Maintenance

Service and maintenance after 10, 20, 50, 150, 250, and 1,000 hours of continuous running (25 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—Commercial Adaptation).

55–8535 Gray Marine Diesel—GM Unit Injector—Removal and Replacement

Removal of defective injector—Replacement with spare—Timing and equalizing (12 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—Commercial Adaptation).

55–8536 Gray Marine Diesel—GM Unit Injector—Cleaning and Repairing

Disassembly, cleaning, inspecting and repair of injector and check valve, popping injector test (25 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—Commercial Adaptation).

55–8537 Making a Wire Template

Full-scale drawing and procedures for bending template (19 min—1955—From Navy Film MN 2337–B).

55–8538 Making a Hot Bend

Complete process, from selecting pipe and packing with sand, to heating and bending (19 min—1955—From Navy Film MN 2337C).

55–8539 General Motors Diesel Engine Unit Injector—Maintenance

Disassembly, cleaning, and inspection of parts—Lapping of check valves (18 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2769A).

55–8540 General Motors Diesel Engine Unit Injectors—Disassembly and Assembly Model 278

Disassembly and reassembly procedures—Timing of rack—Testing assembled injector (18 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 2769B).

MF No.

55–8541 General Motors 16–278A Diesel Engine—Disassembly

Inspection of blower rotors and pistons—Removal of heads of wear ridge, connecting rod bearing—Pulling of 1 piston (35 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707A).

55–8542 General Motors 16–278A Diesel Engine—Bearings

Removal of main bearing—Inspection, "miking" and installation of bearing shells (10 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707B).

55–8543 General Motors 16–278A Diesel Engine—Part I—Reassembly

Installation of liner, piston assembly, cylinder head and rocker level assembly (22 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707C).

55–8544 General Motors 16–278A Diesel Engine—Part II—Reassembly—Head

Installation of injector and controls, valve bridges and rocker shaft—Assembly and timing of injector and exhaust (26 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707D).

55–8545 General Motors 16–278A Diesel Engine—Part I—Bench Work

Removal of valves, over speed trip assembly, transfer block and check valve (12 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707E).

55–8546 General Motors 16–278A Diesel Engine—Part II—Bench Work

Cleaning and inspection head—"miking" guides and valves—Resurfacing and lapping valves (19 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707F).

55–8547 General Motors 16–278A Diesel Engine—Part III—Bench Work

Installation of valves, over speed trip, transfer block—Testing valve and relief valve assembly—Starting air check valve (12 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN 3707G).

55–8548 General Motors 16–278A Diesel Engine—Part IV—Bench Work

Disassembly of piston—Inspection and miking of piston components—Checking ring clearance—Reassembly of piston and rod and inspection—Miking of liner (26 min—1956—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film MN3707H).

55–8549 Servicing the Zero Lash Valve Adjusters in Diesel Engines

Operation, maintenance, and repair of valve (37 min—1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—Commercial Adaptation).

MF No.

55–8577 Aircraft Engines—Part 3—Carburetion

Various types of carburetor systems—Principles of operation with aircraft engines (36 min—1955—Distribution limited primarily to central film libraries in CONUS—From Air Force Film TF 1–137).

55–8769 Safe Driving in Bad Weather—Part I—Light Vehicles

Rules and proper techniques for driving in rain, snow, and ice, and on level, curved, and sloping roads—Winter driving aids and precautions (17 min—1957—From Air Force Film TF 1–5013).

55–8770 Safe Driving in Bad Weather—Part II—Trucks and Tractor-Trailer

Rules and proper techniques for driving in bad weather, on level and inclined terrain—Winter driving equipment—Prevention and correction of skids (15 min—1957—From Air Force Film TF 1–5013).

60–1323 Operations Crossroads

Able and Baker navy tests of atomic bomb—Test Able shows effects of bomb dropped on fleet of warships in Bikini Lagoon—Test Baker shows effects of bomb exploded underwater (28 min—1947—Color—From Navy Film MN 5345).

60–7732 Amphibious Warfare Instruction—Organization and Concept (U)

(24 min—1950—Film is classified CONFIDENTIAL.)

60–7733 Amphibious Warfare Instruction—Planning and Intelligence (U)

(24 min—1950—Film is classified CONFIDENTIAL.)

60–7734 Amphibious Warfare Instruction—Training and Movement to the Objective (U)

(16 min—1950—Film is classified CONFIDENTIAL.)

60–7735 Amphibious Warfare Instruction—Mine Warfare and Underwater Demolition Team Operations (U)

(15 min—1950—Film is classified CONFIDENTIAL.)

60–7736 Amphibious Warfare Instruction—Naval Gunfire Support—Part I (U)

(26 min—1950—Film is classified CONFIDENTIAL.)

60–7737 Amphibious Warfare Instruction—Naval Gunfire Support—Part II (U)

(24 min—1950—Film is classified CONFIDENTIAL.)

60–7738 Amphibious Warfare Instruction—Air Operations (U)

(24 min—1950—Film is classified CONFIDENTIAL.)

60–7739 Amphibious Warfare Instruction—Ship to Shore Movement (U)

(22 min—1950—Film is classified CONFIDENTIAL.)

60–7740 Amphibious Warfare Instruction—Communications (U)

(14 min—1950—Film is classified CONFIDENTIAL.)

60–7741 Amphibious Warfare Instruction—Logistics (U)

(23 min—1950—Film is classified CONFIDENTIAL.)

60–8246 Amphibious Instruction—Tank and Armored Amphibians (Landing Force) (U)

(24 min—1954—From Navy Film MN 6560–P—Film is classified CONFIDENTIAL).

MF No.

61–1015 It's Our Job

Proper supervision of employees (39 min—1944—Distribution limited to ZI—Commercial Adaptation).

61–1049 Machine Transcription—Transcription Technique

Proper phrasing—Dictation at various speeds—Preparing for day's work, composing letters, and correcting mistakes (21 min—1944—Distribution to ZI—From Navy Film MN 1562–B).

61–1050 Take a Letter, Please

Common faults of persons dictating—Dictating and use of the Ediphone and Dictaphone (22 min—1944—Distribution limited to ZI).

61–1093 For Safety's Sake

Precautions while using portable power tools—Maintenance and care of the tools (15 min—1944—Commercial Adaptation).

61–1100 Suggestion Power

Improved efficiency in the war effort—"Ideas for Victory," War Department's suggestion program (18 min—1944).

61–1165 Another Snowball Conference

Wasting time in unplanned conferences (10 min—1945).

61–1206 A New Supervisor Takes A Look At His Job

Superintendent briefs new supervisor on his responsibilities (13 min—1945—From Office of Education Film No. 150).

61–1207 Placing the Right Man On The Job

Reassignment of job misfits to different jobs, resulting in happier workers and increased production (13 min—1945—From Office of Education Film No. 156).

61–1257 Supervision—Dealing With Dissatisfied Employees

Analyzing causes of discontent and adjusting difficulties—Adopting proper attitude—Getting the story straight when dealing with a problem employee—Always being accessible—Taking quick action (14 min—1946—From Navy Film MN 3425–A).

61–1258 Supervision—Budgeting Time and Effort

Specific techniques used in budgeting time and effort—Checking work each morning—Definite inspection plans—Checking unfinished work at end of day—Training and orienting new employees—Delegating routine work—Budgeting time to allow for unforeseen emergencies (17 min—1946—From Navy Film MN–342–B).

61–1259 Supervision—Developing Cooperation

Right and wrong ways of supervision—Cooperation among workers (15 min—1946—From Navy Film MN 3425–C).

61–1260 Supervision—Building Morale

Techniques in building and maintaining morale—Taking responsibility—Giving credit for new ideas and a job well done—Being loyal to management—Training men in their jobs and encouraging initiative—Considering new ideas and helping present them (11 min—1946—From Navy Film MN 3425–D).

MF No.

61–1261 Supervision—Creating Job Interest

Creating interest in a job—Providing outlets for employee's ambition—Encouraging pride in the organization—Satisfying worker's desire to learn new things—Building interest in the job—Delegating responsibility (11 min—1946—From Navy Film MN 3425–E).

61–1432 Maintaining Good Working Conditions

Part played by supervisors in maintaining good work conditions—Examples of increased production and better satisfied workers as a result of such conditions (9 min—1951—From Office of Education Film No. 152).

61–7619 Working With Other Supervisors

Supervisors discuss one of their number who has been unable to work harmoniously with them (8 min—1951—From Office of Education Film No. 153).

61–7620 Every Minute Counts

Absenteeism and tardiness as it affects a supervisor—Remedies (10 min—1951—From Office of Education Film No. 161).

61–7621 The Supervisor As A Leader—Part I

Qualifications of a good supervisor (14 min—1951—From Office of Education Film No. 168).

61–7622 The Supervisor As A Leader—Part II

Qualities of leadership (13 min—1951—From Office of Education Film No. 169).

61–7695 Flow Process Chart and How To Use It

Efficiency of operating procedures, whether in a supply depot, on a production line, or in an administrative office, improved by use of flow process chart—Working up a flow process chart on several types of operations—Violations of operating efficiency—Corrective measures (15 min—1951—Color—Commercial Adaptation).

61–7764 Planning and Laying Out Work

Necessity for careful planning before starting a job—Serious results of poor planning (10 min—1951—From US Office of Education Film No. 151).

61–7765 Instructing The Worker On The Job

Proper and improper methods of instruction (14 min—1951—From US Office of Education Film No. 155).

61–7766 Supervising Workers On The Job

Poor supervision practices contrasted with better methods (10 min—1951—From US Office of Education Film No. 157).

61–7767 Supervising Women Workers

Problems of supervising women (11 min—1951—From US Office of Education Film No. 158).

61–7768 Improving The Job

Suggestions for preventing waste (10 min—1951—From US Office of Education Film No. 163).

MF No.

61–7769 Maintaining Quality Standards

Nature of quality standards—Role of supervisor in maintaining quality as well as quantity (11 min—1951—From US Office of Education Film No. 164).

61–7771 Safety in the Shop

Typical shop accidents—Poor supervision or inadequate training causes accidents—Supervisor's responsibility in teaching and maintaining safe practices in the shop (12 min—1951—From US Office of Education Film No. 481).

61–7772 Introducing The New Worker To His Job

Proper induction methods (16 min—1951—From US Office of Education Film No. 154).

61–7775 Maintaining Workers' Interest

Necessity for supervisor to detect and remedy situations where workers lose interest in their jobs (13 min—1951—From US Office of Education Film No. 159).

61–7993 Motion Study Principles

Illustrating and discussing the 11 principles of motion economy in the performance of manual tasks (28 min—1953—Commercial Adaptation).

61–8043 TVA Town

Reclamation of flood-ravaged Decatur, Ala., through engineering accomplishments of Tennessee Valley Authority—Abundant electric power and cargo-transporting waterway facilities—Impetus to area growth (30 min—1952—Distribution limited to ZI—Commercial Adaptation).

61–8057 The Inner Man Steps Out

Effective human relations—Importance and development in all phases of life—Fundamentals of human behavior (33 min—1952—Distribution limited to ZI only—Commercial Adaptation).

61–8060 Is Government Telling Its Story

Pictorial record of Georgetown University Forum—Need for and purpose of a public relations campaign to educate the public concerning contributions of civil servants to nation's economy and way of life (30 min—1952—Distribution limited to ZI—Commercial Adaptation).

61–8403 Personnel Management—Supervisory Conferences

Purpose of training programs (14 min—1954—Commercial Adaptation).

61–8404 Personnel Management—Communications

Need for effective communication in industry (13 min—1954—Commercial Adaptation).

61–8413 All I Need is a Conference

An industrial problem is solved by a conference of supervisors and managers—Functions of a conference leader and suggested techniques for conducting an effective meeting (30 min—1955—Commerical Adaptation).

MF No.

61–8414 The Fourth Man—The Civilian Behind the Soldier

Role played by civilians in the Army—Special positions held by civilians—Emphasis on the advantages of having civilians on the Army team (9 min—1955).

61–8659 Commencement (Employment Nondiscrimination)

Promotes the theme of nondiscrimination in employment and how to carry out this policy in connection w/Executive Order 10590, 18 Jan 55 (26 min—1956—Distribution in CONUS—Commercial Adaptation).

61–8687 Production 5118

Narrative revolving about a business executive—Stresses the Golden Rule to achieve best business and personal relations (30 min—1957—Color—Commercial Adaptation—One 16mm print distributed to Central Film and Equipment Exchanges, 1st through 6th U.S. Armies).

61–8810 Working for the U.S.A.

Aimed to attract High School graduates into Federal Civil Service—Covers scope, requirements, and benefits of government employment (14 min—1957—Civil Service Commission Film—Distributed to Army Film and Equipment Exchanges in CONUS).

80–1275 The Ground Team—Designed for Victory

Achievements of infantry, artillery, and airborne troops during WW II (9 min—1945).

130–7553 Winged Victory on Foot—43d Infantry Division

History of 43d (Winged Victory) Infantry Division from activation in 1941—Arrival in the Pacific in 1942—Three years of active combat (14 min—1949).

130–7554 29—Let's Go—29th Infantry Division

History of 29th (Blue and Gray) Infantry Division—From training camp to Germany—Amphibious maneuvers in England—Battle at Normandy, St. Lo, Brest, and Germany (20 min—1949).

130–7555 The Red Bull Attacks—34th Infantry Division

History of 34th Infantry Division traced back to Minnesota Volunteers of Civil War days—Record on the battlefields in WW's I and II—Invasion of Casablanca, 1942, Battle of Tunis, Kasserine Pass—Invasion of Salerno, Volturno River operations, Battle of Cassino, Anzio Beachhead, and campaigns of Liri and Po Valleys (21 min—1950).

130–7585 Work Horse of the Western Front—The 30th Infantry Division

Combat activities of "Old Hickory" National Guard Division in WW I and II in the Europen Theater of Operations—Victorious campaigns in Normandy, St. Lo, Belgium, Holland, Germany (18 min—1950).

130–7722 The Victory Division—24th Infantry Division

Activities and accomplishments of 24th Infantry Division against Japan in WW II—Subsequent duty in Japan (19 min—1950).

130–7723 The Big Wheel—35th Infantry Division

History of the 35th Infantry Division (17 min—1950).

MF No.

130–7730 The Sunset Division—41st Infantry Division

History and documentary coverage of its activities in the Pacific during World War II (13 min—1951).

130–7872 Twenty-sixth Infantry Division

Highlights of the history of the 26th Infantry Division (16 min—1952).

130–7929 27th Infantry Division

New York's Own, the 27th Infantry Division—Record from its inception in 1776 through WW II (20 min—1953).

130–7930 32d Infantry Division

The Red Arrow Division (Wisconsin National Guard) through the Civil War, Spanish American War, Mexican Border campaign, WW's I and II (18 min—1953).

130–7931 36th Infantry Division

The 36th Infantry Division formed in 1917 from Oklahoma and Texas National Guard units—Record of valor in WW's I and II (21 min—1953).

140–7800 Man with Mission

ORC—Opportunity for men to better themselves—Preparation to serve their country in time of need (17 min—1950—Commercial Adaptation).

145–7743 Army ROTC

Film intended to win interest of high school seniors and college freshmen in ROTC—Full 4-year course—Advantages—Appointments at graduation as 2d Lieutenants in ORC (18 min—1951).

53. No Release Number (NRN)

These films were released with neither prefix numbers nor category designations.

NRN

(Project 15611) The Army's Corps of Engineers

History of the development and early activities of the Corps—Responsibilities, training program, and current defense activities around the globe (15 min—1955).

Newsreel Planning Pays Off

Teaches Armed Forces newsreel cameramen the planning and shooting techniques for covering new events—Illustrates initial preparations and actual shooting (17 min—1958).

Psychological Warfare in Alaska

Showing psychological warfare activities in Alaska—Army's highly developed printing equipment and skilled personnel plan, write, and print leaflets—leaflets disseminated by planes bearing special leaflet shells and bombs—Radio broadcasts calculated to weaken enemy resistance—Use of loudspeaker systems in combat areas—Psychological media gain military advantage (19 min—1953).

54. Office of the Secretary of Defense Film

This film was produced to stress the integration of the armed forces with industry.

OSD No.

1 Power for Peace

Film stresses integration of combat efforts by each of the armed forces with our industrial might to produce the striking power of the nation—Marine Corps simulates an amphibious assault and helicopter troop tactics—At Eglin Air Force Base, Fla., climatic hanger, spectacular air show, and bombing demonstration—Army's Infantry School, Fort Benning, Ga., demonstrates firepower and role of paratroopers and foot soldiers—Navy task force exercise with all types of aircraft, surface and submarine vessels (20 min—1950).

55. Officer's Conference Films (OC)

These films deal with world affairs and are intended for the use of Armed Forces and civilian reserve units. They can be utilized in Officer's discussion group and conference programs.

OC No.

1 Officer's Conference—Mr. George F. Kennan Discusses Soviet Objectives

Tactical and strategic objectives of the Soviet Union discussed with students at the National War College of Washington (58 min—1955).

2 Officer's Conference—Which Way for the Germans

General Walter Bedell Smith discusses this subject with students at the National War College, 22 Nov 1954—Brief review of the political problems surrounding the rearming of Germany, followed by a question-answer period (44 min—1955).

3 Officer's Conference—What We Face in Southern Asia

US Supreme Court Justice William O. Douglas discusses the political and economic problems which exist in Southern Asia and their significance to the US, followed by a question-answer period (42 min—1955).

4 Officer's Conference—Red China and the United Nations

US Ambassador to the UN, Henry Cabot Lodge, Jr., discusses changes that have transpired in the UN mission from 1945 to the present, and the problems concerning admission of Red China to the UN, followed by a question-answer period (30 min—1955).

5 Officers Conference Five—The Dilemma of the US Foreign Policy in the Middle East

Assistant Secretary of State of Near East and Southern Asian Affairs, Mr. George B. Allen, discusses the geographical boundaries of the Middle East and South Asia, their political and strategic significance to the US, and the concept of the collective security program, followed by a question-answer period (40 min—1955).

7 Communist Objectives In The Far East

Mr. Walter S. Robertson discusses the Communist objectives in Asia and the US concern in curbing their expansion in that area (31 min—1956).

OC No.

8 Challenge of Outer Space

Dr. Wernher Von Braun discusses the functioning of modern guided missiles and the challenge presented by outer space in future development (61 min—(2 reels)—1956).

9 The New Face Of The Soviets

Dr. Philip E. Mosely discusses the political, economic, social, and military changes in Soviet policy (50 min—1956).

10 Mission of the United States Marine Corps

General Randolph McCall Pate, Commandant of the US Marine Corps, defines the mission and organization of the Corps (27 min—1956).

11 Mission of the United States Navy

Admiral Arleigh Burke, Chief of Naval Operations, explains the role of the Navy in advancing our national security and supporting our allies (35 min—1956).

12 The Mission of the United States Army

General Maxwell D. Taylor, Army Chief of Staff, discusses the current Army policy in implementing its mission, with students from Armed Forces Staff College (37 min—1957).

13 Mission of the United States Air Force

General Thomas D. White, Chief of Staff, USAF, discusses the USAF mission in areas of air defense, retaliatory air force, and support for ground forces (33 min—1957).

56. Orientation Films

Orientation films (OF) are designed to orient the individual soldier in national and international affairs, military affairs, and current events. They are intended for information and discussion purposes.

OF No.

11 Here is Germany

Nationalistic and militaristic forces within Germany which led her into a series of wars culminating in WW II (52 min—1945—Not authorized for use by induction centers, replacement training centers, personnel replacement centers, transports, and oversea units).

17 The Pale Horseman

Famine and disease in postwar Europe (22 min—1946—Not authorized for use by induction centers, replacement training centers, personnel replacement centers, transports, and oversea units).

19 Death Mills

Victims of German concentration camp atrocities (22 min—1946—Not authorized for use by induction centers, replacement training centers, personnel replacement centers, transports, and oversea units).

24 The Negro Soldier

Role played by Negroes in WW II (21 min—1944—Short Version).

30 San Francisco 1945

Record of San Francisco conference on international organization, April to June 1945 (17 min—1947).

OF No.

36 Voices of the People

Freedom of speech—Role of opinions in American history—Discussion of problems as important today as in past—Taxation without representation—British policing methods—Declaration of Independence and American Revolution—Congressional action on domestic and foreign affairs (18 min—1949).

37 Germany—Handle with Care

Germany, 1947 (18 min—1947).

40 New France

Political and economic adjustments of France since WW II (18 min—1947—Commercial Adaptation).

46 Inside the Atom

Canada's Chalk River Project—Experiment for medical and biological use—New frontiers of science—Fundamentals of chain reaction (9 min—1948).

48 Citizen in Arms

Role of citizen soldier in American history during peace and war (9 min—1948).

53 American Anniversary

Young immigrant discovers America—Rises to position of leadership in factory and community (15 min—1949—Commercial Adaptation).

54 Active Peacetime Service

Brief history of US Coast Guard through WW II—Peacetime responsibilities and activities—Air, sea, and flood rescue work—Iceberg patrolling—Inspection of cargo and passenger ships—Patrolling inland waterways, rivers, and harbors of US—Coast Guardsmen training—Advanced technical courses—US Coast Guard Academy at New London, Conn. (26 min—1949—From Coast Guard Film MG 6921).

55 Take Time for Tomorrow

Advantages of education—US Armed Forces Institute—Vocational and academic courses at all levels—Higher education in the service (14 min—1949—From Navy Film MN 6649).

57. Professional Medical Films

Professional medical films (PMF) deal with subjects that are primarily of interest to military medical personnel and allied scientific workers.

PMF No.

5000 Preparation and Staining of Blood Slides

Demonstration of laboratory equipment—Preparation of stains—Preparation of thick films for diagnosis of malaria (18 min—1947—Color—Film Reference).

5001 Colostomy Closure (End-to-end Anastomosis)

Surgical repair of left upper abdominal colostomy (13 min—1947).

PMF No.

5002 Abdominal Colostomy Closure—Pauchet Method

Case of well-functioning colostomy of double loop type located on left side in sigmoid colon—Method used to accomplish closure—Precautions (9 min—1947—Color).

5004 Intra-abdominal Closure Descending Colon Colostomy (Herniations and Multiple Openings)

Colostomy of descending colon midway between umbilicus and anterior iliac crest with four separate openings resulting from damage to exteriorized loop of bowel—Technique used to effect repair (15 min—1947—Color).

5005 Simple Closure of an Abdominal Colostomy

Incomplete colostomy of transverse colon—Relatively simple closure procedure—Advantages of intraperitoneal approach (7 min—1947—Color).

5007 Intra-abdominal Colostomy Closures (Right and Left Side)

Series of right sided colostomy cases—Factors essential to adequate closure (9 min—1947—Color).

5008 Management of Abdominal Colostomies (Intraperitoneal Closure)

Experience record of cases encountered during WW II—Factors essential to evaluation of each type—Methods of approach (22 min—1947—Color).

5009 Operation for Varicocele

Case of painful left varicocele involving anterior group of veins—Surgical treatment similar in principle to ligation of saphenous vein for varicosities of lower extremity—Technique (5 min—1947—Color).

5015 Convalescent Care and Rehabilitation of Patients With Injury to Spinal Cord (Surgery and Physical Medicine)

Diagnostic, surgical, nursing, and physical medicine techniques and practices (41 min—1946—Color).

5016 Thoracic Surgery—Part I: Hemothorax With Consideration of Specific Remedial Breathing Exercises (Surgery and Physical Medicine)

Pathologic, diagnostic, and therapeutic aspects of hemothorax and other disorders of the pleura and pleural cavity (39 min—1946—Color).

5018 Thoracic Surgery—Part III: Foreign Bodies in the Pericardium and Heart

Diagnostic planning, surgical, and postoperative techniques (50 min—1946—Color).

5019 Let There Be Light (Neuropsychiatry)

Use of narcosynthesis, hypnosis, and group psychotherapy (58 min—1946—Film Reference).

5020 Removal of Magnetic Foreign Bodies from the Eye

Acceptable technique—Handling of detached retina case (14 min—1946—Color).

5026 Complicated Amputations—Case Reports

Multiple amputations—Management—Developing prostheses (54 min—1946)

PMF No.

5027 Schistosomiasis (Professional Technical Version)

Three types of schistosomiasis (snail fever)—Geographical habitat, epidemiology, symptomatology, and general control measures—Technical, clinical, and laboratory procedures for diagnosis and treatment of Schistosomiasis Japonica (27 min—1947—Color—Film Reference).

5028 Sandfly Control

Symptoms, methods, and treatment of skin diseases transmitted by sandfly—Environmental sanitation principles essential to control (33 min—1947—Color—Film Reference).

5030 The Preparation and Insertion of Tantalum Plate (Cranium Insert)

Preliminaries essential to preparation and placement of tantalum plate—Individual cases—Salient operational features (30 min—1946—Color—Film Reference).

5031 Below Knee Amputation

Amputation method useful immediately after injury and in secondary repair of stump (14 min—1946—Color).

5033 Technique of Open Amputation

Procedure on below knee open amputation case—Revision and final plastic repair performed 6 weeks later—Thorough explanation of each specific step throughout two operations (11 min—1946—Color).

5034 Therapeutic Exercise—Introduction

Use of planned therapeutic physical movement for specific purpose (17 min—1947—Film Reference).

5037 Abnormal Involuntary Movements

Activating and inhibitory influences on motor centers at various levels of nervous system—Involuntary movement caused by losing control of ability to relax after certain types of lesions (24 min—1947—Commercial Adaptation).

5039 Disorders of Gait

Coordination of motor power—Motor power from muscles controlled by peripheral nerves originating in spinal cord—Motor impulses from brain through pyramidal tract (27 min—1947—Commercial Adaptation).

5041 Reflexes

Reflex arc—Proprioceptive and exteroceptive reflexes—Various end organs—Sherrington's law of reciprocal inhibition—Clinical examination of standardized reflex patterns (26 min—1947—Commercial Adaptation).

5044 Facial Palsy

Anatomy of facial nerve—Detailed description of course of upper and lower neuron—Results of lesions in some characteristic sites—Treatment of facial palsy—Spasm during regeneration of facial palsy differentiated from tic twitchings of other etiology (22 min—1947—Commercial Adaptation).

5046 Trigeminal, Spinal Accessory and Hypoglossal Nerve

Anatomy, symptomatology, and clinical pictures of disorders (16 min—1947—Commercial Adaptation).

PMF No.

5047 Shades of Grey

Mental disorders which may be experienced during training and combat—Mild anxiety states—Obsessive-compulsive neuroses—Psychosomatic disorders—Severe depressive reactions—Paranoid psychoses (66 min—1948—Film Reference).

5048 Arthropod-borne Virus Encephalitides

Differential diagnostic measures—Diagnosis, treatment, and control of Japanese B. encephalitis—Proper approach to investigation of problem (34 min—1947).

5051 Therapeutic Exercise—Orthopedics

(28 min—1947.)

5052 To Hear Again

General principles of rehabilitation for patients with impaired hearing (38 min—1947—Film Reference).

5053 Therapeutic Exercise—Peripheral Nerve Injuries

(16 min—1947).

5056 Therapeutic Exercise—Thoracic Surgery

Physical examination—Determining specific remedial activity—Characteristic deformities—Preoperative exercises—General surgical aspects—Postoperative treatment routine—Coughing—Posture—Progressive stages of exercises—Heat and ultraviolet—Measurements of range of motion—Overcoming a definite weakness or loss of function—Heavy resistance phase (29 min—1947).

5058 The Medical Effects of the Atomic Bomb—Part I: Physics—Physical Destruction—Casualty Effects

Nuclear fission and general reaction—Thermal energy and mechanical force—Nuclear radiation and ionizing effect—Physical destruction—Casualty effects (32 min—1950—Color).

5059 Dynamic Physical Reconditioning

(13 min—1948).

5061 Peripheral Nerve Surgery—Part I: Sciatic Nerve

Management of typical peripheral nerve injury case of WW II—Followup treatment at neurosurgical centers of Veterans Administration (33 min—1947—Color).

5062 Cineplastic Operation

Attaching cords to selected muscle and then to prosthetic appliance so that patient can operate appliance by contracting muscles in amputation stub (18 min—1947—Color).

5063 Anterior Acrylic Bridgework

Fitting dental bridges in which acrylic is used to replace porcelain—Procedures and techniques (39 min—1946—Color—From Navy Film MN 4352A, B, & C).

5065 Management and Technique of Pulmonary Lobectomy

Bronchiectasis of left lower lobe of lungs—Extirpation of diseased lung tissue (31 min—1947—Color).

PMF No.

5066 An Electrodiagnostic Procedure

Use of Golseth-Fizzell constant current stimulator as one method of determining neurological state of muscle in peripheral nerve injuries and other neuropathologies—Characteristics—Mechanical operating procedures—Application of technique to clinical cases (21 min—1947—Color).

5068 Repair of Recto-urethral Fistula

Case of injury to large and small bowel, bladder, urethra, and rectum caused by bullet wounds—Exploratory laparotomy scar, cystostomy, colostomy, and abdominal fistula wounds—Closure of complete fistula by use of Whitehead principle of advancement of rectum (3 min—1947—Color).

5069 Simple Anterior Closure of Transverse Colostomy (Right Side)

Right side colostomies less frequent than left side colostomies—Similarity of procedures followed in anastomosis—Typical problems and applicable surgical techniques—Some WW II developments in surgical management of colostomies (23 min—1947—Color).

5070 Simple Anterior Closure of Colostomy

(10 min—1947—Color).

5071 Pinta

Various stages of chronic, disfiguring skin disease—Diagnosis—Spirochetal etiology—Good results with arsenical and penicillin therapy (18 min—1948—Color).

5073 Construction of Screw Lock Sectional Splint

Case of facial injury including fracture of mandible, comminuted, compound, requiring additional bone to restore contour of mandible—All phases of fixation, grafting, and replacement (17 min—1947—Color).

5075 Reconstruction of the Lower Lip and Chin

Case of destruction by shell fragments of two-thirds of lower lip, chin, and mandible—Method and phases of restoration (20 min—1947—Color).

5076 Lumbar Sympathectomy (Ganglionectomy)

Various applications—Types of conditions likely to be benefited—Procainization of structure to be removed—Operative procedure—Details of removal of sympathetic chain—Anatomic and physiologic defects produced by removal of certain portions of chain—Ordinary anatomic demonstration on cadaver (33 min—1948—Color—Film Reference).

5077A Inside the Cell—Part I: Enzymes in Intracellular Chemistry

Concept of intracellular enzymatic action—Biochemical phenomena illustrated by animation—Laboratory technique of several Nobel prize winning scientists (40 min—1949—Color).

5077B Inside the Cell—Part II: Regulation of Enzymes

Factors regulating enzyme action (43 min—1952—Color).

5081 Transplantation and Anastomosis of Radial Nerve

Case of severed left radial nerve which was sutured but recovery failed to ensure—Clinical findings—Technique used to accomplish repair (9 min—1948—Color).

PMF No.

5088 Peroneal Nerve Anastomosis at the Knee

Case of peroneal nerve severed at bend of knee with evident foot drop and loss of sensation on dorsum of foot—Technique used to effect repair—Necessity for gently curving incision to prevent later keloid formation or contracture by avoiding flexion creases in popliteal space (7 min—1948—Color).

5094 Arteriovenous Fistula (Posterior Tibial Vessels)

Preoperative situation—Surgical technique—Postoperative findings—Indicated precautions (18 min—1948—Color).

5096 Neurorrhaphy of Median and Ulnar Nerves in the Left Forearm

Left forearm shell fragment case with severed median and ulnar nerves—Complete clinical examination details—Procedure to accomplish repair (14 min—1948—Color).

5097 Technique of Tantalum Cranioplasty

Typical problems in cosmetic correction of skull defects by means of tantalum cranioplasty—Technique of formation and insertion of tantalum plates (40 min—1948—Color).

5102 Neurorrhaphy of Median and Ulnar Nerves in Midarm

Detailed preoperative evaluation of damage to right midarm traversed by bullet—Surgical repair of median and ulnar nerves (12 min—1948—Color).

5103 Arterial Disorders in the Upper Extremity and Their Treatment by Sympathectomy

Indications, clinical factors, operative treatment, and precautions (30 min—1950—Color).

5104 Partial Neurorrhaphy of the Sciatic Nerve in the Buttock

Injury to peroneal component of sciatic nerve resulting from bullet wound—Precautions and precision essential to proper surgical management (12 min—1946—Color).

5108 Clinical Shock

Pictorial and animated illustration of the five general principles of shock management (48 min—1952).

5110 Radioactivity—Laboratory Demonstrations

Elementary principles of radioactivity—Instruments used in the laboratory for detection and counting (17 min—1949—Color).

5111 Cushing's Experiment in the Dog

Essential details—Respiratory and circulatory effects of pressure on the brain, such as that resulting from brain tumors (14 min—1949—Color).

5112 Respiratory Reflexes Demonstrated in the Rabbit

Some of the simpler respiratory reflexes and their pathways (13 min—1949—Color).

5113 Reflexes from the Carotid Bodies and Sinuses in the Dog

Carotid bodies in the control of respiration—Carotid sinuses in the regulation of blood pressure (19 min—1949—Color).

PMF No.

5114 Rickettsiae—Laboratory Procedure for Their Isolation and Identification

For students taking basic science course—Step-by-step technique of laboratory diagnosis of rickettsial disease—Gross pathology compared with normal—Fundamentals of sterile technique (47 min—1949—Color—Film Reference).

5115 Urease Crystallization

Principal steps used to isolate first enzymes as performed by Dr J B Sumner (6 min—1948).

5116A Time Out: Occupational Therapy in Tuberculosis

Usefulness of occupational therapy for patient's morale and rehabilitation—For orientation of patients, hospital personnel, and nonprofessional adult groups (26 min—1949—Film Reference).

5116B Occupational Therapy in Problems of Motion

Conditions involving joint limitation, muscle weakness, and incoordination—Occupational therapy contributing to restoration of function (23 min—1950—Film Reference).

5116C Journey to Reality (Occuptational Therapy for Acute Psychotics)

Six patients with typical psychotic reactions at time of admission to hospital—Histories—Occupational therapy treatment—Medical officer's responsibility for prescribing and guiding therapy—Introduction to simple occupational therapy procedures (40 min—1950—Film Reference).

5117 Tibial Nerve Anastomosis in the Lower Calf

Tibial nerve damage resulting from missile that traversed midcalf region, leaving plantar muscle paralyzed and sole of foot anesthetic—Technique of surgical repair—Anatomical considerations—Precautions and physiotherapy (8 min—1949—Color).

5118 The Diagnosis of Peripheral Nerve Injuries

Significant clinical findings of 12 cases of various nerve injuries (16 min—1949—Color).

5124 Ascariasis (Infestation with Ascarids)

Details of life cycle of ascarids in swine—Reference to many other species (13 min—1949).

5125 Liver Fluke Disease in Sheep (Fascioliasis)

Life cycle treatment—Basic control factors (13 min—1949).

5126 Bilharziasis in Water Fowl

Essential elements of life cycle—Detailed studies of movements of worms and cercariae (18 min—1949).

5132 Method of Repair of Posterior Tibial Nerve

Repairing long defects in peripheral nerve—Bridging large gap in tibial nerve by wide dissection and flexion of knee joint (10 min—1949—Color—Film Reference).

5133 Ulnar Nerve and Soft Tissue Defect and Simultaneous Repair in the Forearm

Method of accomplishing simultaneous repair of soft tissue defect and ulnar nerve defect in forearm (10 min—1950—Color).

PMF No.

5136 Benign Dental Tumors

Histories, diagnoses, characteristics, treatments, and results of cases of benign dental tumors (29 min—1950—Color).

5137 Malignant Oral Tumors

Lesions which occur in oral cavity and adjacent structures (40 min—1950—Color—Film Reference).

5140 Hereditary Ataxia

Hereditary and clinical characteristics of this group of neurological disorders—Earliest and most common complaint—Later disease development—Signs of late stages—Diagnoses (31 min—1949—Color).

5141 The Feeling of Rejection

Case history of 23-year-old girl suffering from physical disorders without physical cause—Treatment by psychiatrist establishes root of trouble—Understanding problem, patient handles it in manner leading to new and healthier habits of behavior (21 min—1951—Film Reference—Commercial Adaptation).

5142 The Feeling of Hostility

Factors that produce feelings of resentment and hostility in personal relationships (31 min—1951—Film Reference—Commercial Adaptation).

5143 Atomic Medical Cases—Japan—WW II

Documentary evidence of medical problems resulting from atomic explosions at Hiroshima and Nagasaki—Pathological specimens shown in microscopic section—Use of remaining doctors and nurses to greatest advantage in carrying out first aid and medical service (37 min—1949—Film Reference per list No. 86 Withdrawn from sale thru United World Films, Inc).

5144 Nursing in the Tropics

Intended for nurses, doctors, and other hospital personnel—Realistic problems incident to living and working in a military hospital in the tropics—Problems of preventive medicine and aseptic techniques considered—Special emphasis placed on nursing procedures involved in treating gastrointestinal disorders, fungus infections, malaria, and dengue fever (29 min—1952).

5145A The Radioisotope—Part I: Fundamentals of Radioactivity

This introduction to the series dealing with the theoretical and practical aspects of the radioisotopes is designed for doctors, medical researchists, pharmacologists, toxicologists, enzymologists, physicists, chemists, physiologists, agronomists, soil chemists, radiologists, entomologists, engineers, plant managers, metallurgists, and health physicists—Part I establishes the basic concepts in the field of nuclear physics that are pertinent to an understanding of radioisotopes (59 min—1951).

5145B The Radioisotope—Part II: Properties of Radiation

This film (1) Explains the characteristics and properties of primary and secondary nuclear radiations in terms of their ionizing effect—(2) Introduces concepts concerning the effect of matter on radiation so that absorbing materials can be used wisely to measure radiation characteristics or to shield against their biological effects—(3) Acquaints the

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audience with the terminology and presentation of data as a prerequisite to practical measurement (68 min—1952).

5145C The Radioisotope—Part III: Practical Procedures of Measurement

Consideration of various measurement apparatus and techniques—Absolute and comparative measurement (48 min—1951).

5145D The Radioisotope—Part IV: Methodology

Underlying principles and practical considerations governing tracer usage and design of tracer experiments—Establishment of seven criteria of tracer methodology by means of illustrative experiments (40 min—1951).

5145E The Radioisotope—Part V: The Physical Principles of Radiological Safety, Sections I and II

Live action and animation explain ionizing characteristics of alpha, beta, and gamma radiation from external and internal sources—Roentgen and roentgen measurement—Maximum permissible exposure, both general and localized—Principles and formulas for calculation of exposure from internal sources—Problems of uniform and localized exposure by single and by continued uptake—Effect of physical decay and biological elimination on dosage rate—Concept of biological half-life and effective half-life (Sec I, 25 min—Sec II, 26 min—Total 51 min—1954).

5145F The Radioisotope—Part VI: The Practice of Radiological Safety

Practical considerations and techniques involved in safe handling of radioisotopes—Basic principles of safety as outlined in the Bureau of Standards Handbook—Layout of typical high-level radioisotope laboratory—Protective clothing and metering equipment—Control of exposure—Decontamination—Monitoring—Shielding techniques (33 min—1952).

5147B The Radioisotope—Part XII: Agricultural Research

Showing three classes of radioisotope work—The use of a high energy, beta-emitting radioisotope, such as Phosphorus 32, in large-scale field tests of fertilizers—The use of radioisotopes such as Cobalt 60, in micronutrient studies with large domestic animals—The use of low energy beta emitters, such as Calcium 45, in major nutrient problems and autoradiography (40 min—1952).

5147C The Radioisotope—Part XIII: General Sciences

The radioisotope as a research tool that is adaptable to tracer investigations in all branches of general science—Introductory experiment of self-diffusion of metals—Nine additional experimental problems solved through the use of tracers—Primary fields of general science include metallurgy, chemistry, biochemistry, and plant physiology (46 min—1952).

5148 The Medical Effects of the Atomic Bomb—Part II: Pathology and the Clinical Problem

Mechanism of thermal, traumatic, and radiation effects—Clinical observations—Diagnosis and prognosis—Pathological material for illustrative purposes (37 min—1950—Color—Technical film for professional personnel only).

PMF No.

5152A through 5152U **Psychiatric Interview Techniques (U)**

Part I thru Part XXI—respective running times: A–44; B–18; C–12; D–25; E–35; F–19; G–38; H–26; I–43; J–58; K–20; L–23; M–32; N–31; O–26; P–27; Q–52; R–36; S–25; T–49; and U–44 min (1950—Very limited distribution to pertinent army medical installation—These films are classified CONFIDENTIAL).

5163 **Rheumatoid Arthritis of Spine**

(34 min—1951.)

5166 **Electrocardiography**

Use of cathode-ray oscilloscope to show magnitude and direction of galvanometer deflections caused by changing relative position of two oppositely charged points within a conducting fluid—Mathematical explanations relating human electrocardiogram to Einthoven's hypothesis (10 min—1949—Color—Film Reference).

5167 **Heat Disorders—Heat Exhaustion, Heat Stroke, and Heat Cramps**

Causes, symptoms, treatment, and preventive measures for heat exhaustion, heat stroke, and heat cramps—Physiological aspects of Undue Heat Load—Metabolic heat—Heat exchanges by radiation, convection, conduction, and vaporization—Body temperature regulation by nervous system, sweat glands, and circulatory system (25 min—1952).

5171 **The Surgical Treatment of Carotid Body Sensitivity in Man**

Surgical correction of carotid body sensitivity—Comparison of preoperative and postoperative conditions—Details of surgical procedure (20 min—1951—Color).

5175 **Gelfoam in Surgery**

Use of Gelfoam (R) surgical hemostasis—Examples selected from several operative procedures (27 min—1949—Color—Film Reference—Commercial Adaptation).

5177B **The Diagnosis of Surgical Lesions of Alimentary Tract—Part II: Special Techniques and Apparatus**

(21 min—1951)

5182A **Integrated Aspects of the Nervous System—Part I: Motor System**

Operation of nervous system as a series of self-regulator mechanisms—The stretch reflex and addition of control through more complex loops—Use of modern engineering principles to develop the concept that purpose in behavior resides in basic design of circuits (47 min—1951—Color).

5188 **Intramaxillary Loop Wiring in Treatment of Jaw Fractures**

Technique of applying intramaxillary multiple loop—Case history of 20-year old male with fracture of right mandible—Complete wiring procedure in the case of this patient (28 min—1951—Color).

5189 **Dento-alveolar Surgery, Removal of Impacted Mandibular Third Molar by Controlled Sectioning**

Showing theory of controlled sectioning on simple mesio-angular impacted third molar (10 min—1952—Color).

5191 **Dento-alveolar Surgery, Excision of Chronic Periapical Infections**

Case report of dental treatment of chronic periapical abscesses with a persistent, draining, cutaneous fistula—Method of making mucoperios-

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teal flap, excision of incisor teeth, window in labial cortex, and removal of pathological lesion (8 min—1942—Color).

5193 Synovectomy of the Knee for Rheumatoid Arthritis

Case history of 54-year old male with chronic rheumatoid arthritis—Procedure of surgical excision of synovial lining of the knee joint (10 min—1951—Color).

5196 Intramedullary Fixation of the Femur

Techniques detailed (23 min—1951—Color).

5200 Breast Cancer

Symptoms, clinical diagnosis, and treatment—Early treatment and diagnosis (34 min—1951—Color—Commercial Adaptation).

5201 Cancer—The Problem of Early Diagnosis

Early diagnosis and treatment of cancer of the breast, stomach, rectum, cervix, and lung (31 min—1951—Color—Commercial Adaptation).

5202 Operative Procedure for Total Urinary Incontinence

Use of muscular transplant for controlled pressure upon bladder to overcome urinary incontinence (21 min—1952—Color).

5203 Caesarian Section—Extraperitoneal Pfannensteil Incision

Case history (23 min—1952—Color).

5204 Caesarean Hysterectomy (Porro)

Surgical procedures for Caesarean hysterectomy with anatomical landmarks throughout the operation clearly indicated (17 min—1952—Color).

5206 Caesarean Section—Extraperitoneal with Cherney Modification

Case history (23 min—1952—Color).

5207B Caesarean Section, Low Cervical Paramedian Incision

Actual case history—Clearly indicating anatomical landmarks (22 min—1952—Color).

5208 Thoracic Surgery—Thorcoplasty, 1st Stage and 2nd Stage in the Treatment of Pulmonary Tuberculosis

First stage of a thorcoplasty on 26-year old male patient with pulmonary tuberculosis—Case history for 34-year old female tubercular patient who has already undergone the first stage of a thorcoplasty and the second stage of this patient's thorcoplasty is demonstrated—Narrative explanation of the two case histories and surgical procedures involved (23 min—1951—Color).

5209 Thoracic Surgery—Lobectomy, Right Upper and Middle Lobes, in the Treatment of Pulmonary Tuberculosis

Medical case history of 21-year old patient under treatment for pulmonary tuberculosis—Surgical procedures involved in patient's lobectomy—Summation of results of 51 lobectomies performed between December 1946 and July 1949 (22 min—1952—Color).

5210 Thoracic Surgery—Decortication in the Treatment of Tuberculosis Pleuritis

Self-explanatory title (23 min—1952—Color).

PMF No.

5211 Thoracic Surgery—Excision Tuberculoma, Right Lower Lobe, and Thoracacolumbar Sympathectomy

Self-explanatory title (10 min—1952—Color).

5212 The Heart—Cardiovascular Pressure Pulses and Electrocardiography

Case history (35 min—1952—Color—Commercial Adaptation).

5217 Dento-alveolar surgery, Alveolectomy after Multiple Extraction of Teeth

Demonstrating surgical procedures for establishing a ridge of uniform height with smooth even contour after multiple extractions (6 min—1952—Color).

5218 Dento-alveolar Surgery, Alveolectomy in Extraction of Isolated Teeth

Surgical removal of bone containing isolated teeth and procedure for proper contouring of soft tissues (11 min—1952—Color).

5219 Dento-alveolar Surgery, Alveolectomy and Multiple Pathology

Problems in removal of teeth from pathological bone and proper repair of ridge tissues (18 min—1952—Color).

5220 Dento-alveolar Surgery, Excision of Mandibular Tori

Preferred procedures for reduction of lingual tuberosity and for proper retention of dentures (12 min—1952—Color).

5221 Dento-alveolar Surgery, Excision of Gingival Hypertrophy

Surgical procedures and correction of dental ridge hypertrophied and flabby due to ill-fitting dentures (6 min—1952—Color).

5226 Caersarean Sections

Demonstrating the surgical techniques used in performing such caesarean sections as, classical caesarean section, low cervical section, extraperitoneal section, and Caesarean hysterectomy (43 min—1953—Color).

5227 Introduction to Occupational Therapy

Case histories illustrate value and application of this interest-motivated activity with a therapeutic purpose (20 min—1954).

5229 Dental Activities, Walter Reed Army Medical Center

Principal source of in-service professional dental training for Army and Air Force officers—Walter Reed Army Hospital, Central Dental Laboratory, and Army Medical Service Graduate School comprise the dental activities—Scope, functions, and varied aspects of dentistry (18 min—1953—Color—Film Reference).

5230 Uterine Cancer: The Problem of Early Diagnosis

Regular routine pelvic examination by general practitioner of all female adults would reduce the number of fatalities due to cancer of the uterus—Cytologic method of screening and verification of malignant tumors by tissue biopsy (21 min—1952—Color—Commercial Adaptation).

5289 Presacral Pneumonography

A new technique which permits visualization, by means of X-ray, in the retroperitoneal space, particularly the adrenal and kidney glands (10 min—1954—Color—Film Reference).

PMF No.

5292 Medical Effects of Nerve Gas

Characteristics, symptoms, and treatment of nerve gas poisoning—Appropriate emergency treatment—Use of atropine—First-aid men treat severe gas casualties—Treatment procedures at medical aid station (27 min—1955—Distribution to central film libraries and exchanges in CONUS and overseas—Film Reference).

5299 Combat Psychiatry—The Battalion Medical Officer

Role of the battalion psychiatrist—How typical cases of combat fatigue can be recognized and treated—Emphasis on prevention of manpower losses due to psychiatric causes (37 min—1955—From Navy Film MN 7499A).

5300 Combat Psychiatry—The Division Psychiatrist

Fundamental principles and practices of combat psychiatry—Role of the division psychiatrist, showing how he diagnoses and supervises treatment and reassignment of NP patients (33 min—1955—From Navy Film MN 7499B).

5301 Hemorrhagic Fever—Clinical Features

Clinical and pathological findings of epedemic hemorrhagic fever—Current opinion on spread, cause, and control of the disease (45 min—1955—Color).

5304 Debridement—Part I—Multiple Soft Tissue Wounds

Adequate and minimal skin incision, incision of fascia, excision of devitalized tissue, complete hemostasis, primary closures and dressings (12 min—1957—Color—Film Reference).

5305 Debridement—Part II—Wounds of the Extremities

Eight different wound cases shown to demonstrate techniques of cleaning wounds and removing debitalized tissues and other foci of infection (33 min—1956—Film Reference).

5306 Initial Surgery of Abdominal Wounds

Recommended surgical techniques used under combat conditions in Korea in the initial treatment of various types of abdominal wounds (30 min—1956—Color—Film Reference).

5315 Radical Retroperitoneal Node Dissection in the Treatment of Testicular Tumors

Dissection of germinal tumors—Seminoma, embryonal carcinoma, teratocarcinoma, and choriocarcinoma—Clinical and microscopical analysis (20 min—1957—Color).

5316 The Effect of Ionizing Radiation on Domestic Animals

Development of symptoms in burros—Radiation and physiological changes in biochemistry, hematology, histopathology, and radiometric laboratory (22 min—1957—Distribution primarily to CF&EEs).

5318 Management of Burns—Part I—Supportive Care

Rules of Nines method of diagnosing burns is defined—Minor, moderate, and critical injuries—Initial hospital procedures for treating burns—Importance of building patient's morale is emphasized (18 min—1958—Color).

PMF No.

5319 Management of Burns—Part II—Local Care

Local care of burned patients in dressing and operating rooms—Essentials of supportive care—Cleansing wound—Debridement of skin—Occlusive dressing treatment—Skin grafting—Air treatment—Importance of preventing contamination of wound and changing of dressings (15 min—1958—Color).

5322 Animals for Research

Methods and factors in maintaining a disease free colony—Techniques and equipment used in breeding—Procedures in transporting the animals to research laboratories (28 min—1958—Color).

58. Army Research and Development Films

Army Research and Development Films (RD) are intended to inform major army commanders and their staffs of current progress in the fields of army firepower, mobility, communications, combat materiel, and human factors resources.

RD No.

1 Army Research and Development—RD Film Report No. 1 (U)

(29 min—1957—Color—Distribution limited to one print to each Central Film and Equipment Exchange in CONUS and overseas and one print to selected organizations concerned with research and development—Film is classified SECRET).

2 Army Research and Development—RD Film Report No. 2 (U)

(29 min—1957—Color—Distribution limited to one print to each Central Film and Equipment Exchange in CONUS and overseas and one print to selected organizations—Film is classified SECRET).

3 Army Research and Development—Film Report No. 3 (U)

(20 min—1957—Color—Film is classified SECRET).

4 Army Research and Development—Film Report No. 4 (U)

This film is classified SECRET—Special handling required—Not releasable to Foreign Nationals except UK and Canada (26 min—1958—Color—Supplementary distribution).

5 Army Research and Development—Film Report No. 5—Army Research in Greenland (U)

This film is classified CONFIDENTIAL—Special Handling required—Not releasable to Foreign Nationals—except UK and CANADA (22 min—1958—Color—Distribution to Central Film and Equipment Exchanges).

59. Staff Film Reports

Staff Film Reports (SFR) are newsreel-type films of the Korean conflict. Weekly distribution of these films was discontinued with the release of SRF 185. Future issues will be released as timely material warrants.

SFR No.

14 (22 min—August 1944—Film is classified CONFIDENTIAL—There is also an unclassified version).

SFR No.

16 (34 min—August 1944—Film is classified SECRET—There is also an unclassified version).

21 (31 min—September 1944—Film is classified CONFIDENTIAL).

22 (36 min—October 1944—Film is classified CONFIDENTIAL).

28 (25 min—November 1944—Film is classified SECRET).

32 (22 min—December 1944—Film is classified SECRET).

37 (28 min—January 1945—Film is classified SECRET).

40 (38 min—February 1945—Film is classified CONFIDENTIAL).

42 (32 min—February 1945—Film is classified CONFIDENTIAL).

102 Korea, 24 June through 4 July 1950—Evacuees arrive In Japan—South Koreans reorganize and leave for Suwon front—C-54's unload supplies for South Korean Army at Suwon—Gen Douglas MacArthur flies to war zone—Battalion of 24th Infantry Division lands in Korea—South Koreans greet new arrivals at Taejon—Trainload of fighting equipment moves forward—US troops encounter enemy tanks—US Navy orders aircraft carrier USS *Philippine Sea* from San Francisco to Pearl Harbor with jet fighters—Sea Movement of 24th Infantry Division gets under way (14 min—1950).

103 Defense line 5 miles south of Seoul held by South Koreans—US troops move up front from Taejon—LST unloads troops and equipment at Pusan—South Korean labor repairs airstrip—US infantry withdraws—US artillerymen in action—First US tanks head toward front—Lt Gen Walker and Maj Gen Dean confer—Captured Russian-made equipment—M–24's of 24th Infantry Division move closer to front—US 150-mm howitzer in action—Russian-made tanks knocked out—North Korean PW's examined by UN delegates—Korean home guard with wooden guns—Fifth AAF base in Japan—Twenty-fourth Division troops board planes for flight to Pusan—Maj Gen Dean at 5th AAF base—Jet planes take on large wing tanks—C–46 crew drops propaganda leaflets—B–29 pilots brief at Japan air base—Seventh Fleet in Korean action—British naval commanders board USS *Rochester*—First Marine Division embarks from Korea—UN flag goes to Gen MacArthur—North Koreans within 15 miles of Taejon (20 min—1950).

104 Quartermaster, Engineer, and Signal units arrive in Korea from Japan—Field artillery of 25th Division arrives in Korea—Pictures of North Korean atrocities and evacuation of wounded—USS *Boxer* leaves for Korea with Navy and Air Force planes—US Air Force strikes Reds—Army and Air Force chiefs fly to battle zone—UN flag presented to Gen MacArthur in Tokyo (17 min—1950).

105 Two regiments of the 24th Infantry Division destroy Kum River bridge in withdrawal—Nineteenth Infantry Regiment of the 24th Division regroups after heroic stand—Twenty-fifth Division in action at front before fall of Taejon—South Korean 1st Division in action—First Cavalry Division lands at Pohang without enemy opposition—Navy planes of USS *Valley Forge* strike Korean targets—Battle for Taejon (23 min—1950).

106 Korea, 21 July through 26 July 1950—Twenty-fifth Infantry Division, units of 1st Cavalry Division, and South Korean 6th Division in delaying action after Taejon falls—Gen MacArthur confers with Gen Walker's staff in Korea—USS *Boxer* makes record Pacific crossing—Navy exhibition team receives combat orders (20 min—1950).

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107 Korea, 27 July through 4 August 1950—Map shows situation on 27 July—Twenty-fifth Division in central sector—Twenty-fourth Infantry Division and 1st Cavalry Division in south—North Korean Army action in north—Reorientation map of situation as of 31 July—Gen MacArthur visits Okinawa and Formosa—Army engineers blow up bridge in central sector—F–80 jet planes strafe North Korean targets—B–29 raid by 19th Bomber Group on Korea—Additional combat film—Late situation map as of 4 August 1950 (26 min—1950).

108 Korea, 4 August through 7 August 1950—Air activity through 10 August—Map shows situation of UN forces as of 4 August—Twenty-seventh Infantry Regiment, 25th Division, regroups—Five hundred twenty-second Signal Company lays cable with South Korean civilian help northwest of Pusan—Tanks and artillery arrive at Taegu—Aerial activity along Naktong River—Preparations for B–29 strike against Wonsan—Aircraft carrier USS *Philippine Sea*—Activity in Pusan harbor—Meeting in Washington to strengthen North Atlantic defenses—Late map shows situation on 7 August 1950 (26 min—1950).

109 Korea, 7 August through 18 August 1950—Map shows situation on 7 August—Interrogation of communist prisoners—Activity on control front—Trapped communists under artillery and mortar fire—Guarding the Naktong line—Attack toward Chinju—Marine troops moving up—Captured communist artillery—Tanks in action—Air Force and Naval air activity from 14 to 18 August—Strike by Navy Task Force 77—Late situation map as of 28 August (39 min—1950).

110 Korea, 18 August through 24 August 1950—Map as of 18 August—First ROK Division moves north of Taegu—Destruction in Pohang—Twenty-seventh RCT troops under mortar fire—Knocked-out communist tanks—US Army ordnance depot in southern sector—Fifth Cavalry Regiment retakes Hill 303—First Marine Brigade gets ready to regroup in Miryang—Marine Corsairs strafing—Air Force strikes and Navy air-sea action from 21 to 24 August—Gen Collins visits Korean battle front—Late situation map as of 1 September 1950 (27 min—1950).

111 Korea, 24 August through 1 September 1950—Map of ground situation as of 24 August—Action near Masan on 25 August—Tanks serving as artillery—Interrogation of prisoners—Captured Russian weapons—South Korean engineers make barbed wire concertina near Yongchon—Action near Waegwan—Tanks and 1st Cavalry Division troops in central sector action—Two British Infantry battalions arrive at Pusan—Propaganda leaflets dropped over North Korea—UN naval and air force activity from 24 August to 1 September—Late map shows situation as of 11 September (33 min—1950).

112 Korea, 30 August through 7 September 1950—Map shows combat situation on 1 September—24th Infantry Division in vicinity of Pohang—British troops move into combat near Naktong River on 4 September—South Korean troops have chow with American GI's—Troops of 2d Division in combat near Yongsan, 2 September—B–29's strike north of 38th parallel—Carrier planes strike inland Korean targets—Demonstration of Russian machine gun—Late map shows situation as of 18 September (27 min—1950).

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113 (24 min—September 1950—Film is classified CONFIDENTIAL).

114 Korean ground situation on 14 September 1950—Map of naval action, 14 through 17 September—Invasion of Wolmi by US Marines—Capture of Inchon and start of Marine advance toward Seoul—Map of over-all situation on 25 September 1950—Final map of situation on 2 October 1950 (37 min—1950).

115 Ferrying troops and vehicles across Naktong—Problems facing advancing troops—Enemy mines, roadblocks, pockets of resistance, captives, and refugees—Unloading supplies at Pusan—Making napalm bombs—Arrival of Philippine troops at Pusan—Australian troops leaving for Korea—A Korea-bound Swedish hospital unit arriving in New York—Situation map shows action north of 38th parallel on 9 October 1950 (20 min—1950).

116 Korea, 25 September through 16 October 1950—UN forces encircle Red troops in south—Recapture of Seoul—Seven mile advance beyond 38th parallel—Maps illustrate changing situation (29 min—1950).

117 Korea, 2 October through 9 October 1950—Maps indicate changing situation—ROK army moves beyond 38th parallel—UN forces in South Korea in mopping up operations (26 min—1950).

118 Korea, 9 October through 16 October 1950—Korean battlelines as of 30 October 1950 (20 min—1950).

119 Korea, 16 October through 23 October 1950—Maps show combat situation at beginning and end of period—First Cavalry units capture Pyongyang on 20–21 October, 187th Regiment of 11th Airborne Division drops with heavy equipment north of Pyongyang to cut off fleeing Reds—Gen MacArthur observes jumps from his plane—Paratroopers joined by tanks of 1st Cavalry driving north through Pyongyang—Reconstruction activities at Seoul—Communist atrocities at Hamhung—Map shows battle situation as of 6 November (25 min—1950).

120 Korea, 23 October through 30 October 1950—US 10th Corps makes unopposed amphibious landing at Wonsan, 26 October—Marines get vehicles, tanks, and equipment ashore—Destruction by strategic bombing of Wonsan railroad yards and oil refineries—Seventh Infantry Division's amphibious landing at Iwon, 29 October—Former prisoners of North Koreans await evacuation to Japan—Late situation map of 13 November (21 min—1950).

121 Korea, 30 October through 6 November 1950—Battlelines as of 20 November—US 1st Marine Division fans out after establishing Wonsan Beachhead—Delivery of supplies by LST's on 30 October—Captured Chinese Reds marched into port area—Specialist training—Evacuating US wounded—Al Jolson entertains patients at hospital in Japan—American Ordnance Association at Aberdeen, Md. shows Russian and American tanks and weapons (27 min—1950).

122 Carrier USS *Philippine Sea* in rough weather, covered with snow and ice, receiving supplies, and refueling as winter arrives in Korea—Effects of B–29 attacks against large oil refinery at Hungnam, 24 August—US winter uniform displayed at Washington, DC, and compared with captured quilted uniforms—Air Force tests new pack plane, Fairchild XC–120, at Hagerstown, Md.—Map shows our units falling back in face of growing Red resistance, 27 November (15 min—1950).

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123 Korea as of 13 November 1950—Combat scenes of US 24th Division—Elements of 1st Marine Division move toward Changjin reservoir—Thailand troops training in Korea with US arms and equipment—Air Force tests at Wright-Patterson Air Force Base, Ohio—C–54 transport towing helicopter—Map shows UN troops fighting Chinese as well as North Korean Communists, 4 December (18 min—1950).

124 Korea as of 20 November 1950—US 7th Division troops reach Manchurian border, 21 November—Thanksgiving dinner at front and rear areas—Gen MacArthur visits front 24 November—C–47 transports drop supplies and equipment to advancing troops—F–80's strike enemy targets—Air Force demonstration at Muroc Air Base of new F–86E Saberjet fighter—Map shows battlelines as of 11 December (19 min—1951).

125 (8 min—December 1950—Film is classified CONFIDENTIAL).

126 Korea, 4 December through 11 December 1950—Changing battle situation—US 1st Marine and 7th Infantry Divisions hold on to a small snow-packed airfield in northeast Korea until all casualties are flown out—Supplies, including bridge sections, dropped by cargo planes—Dutch troops train in Korea with US weapons—Pipeline leading to Kimpo airfield laid at port of Inchon—Army Chief of Staff Gen J. Lawton Collins visits Japan and Korea for conferences with Gen MacArthur and his field commanders—Late situation map of UN Forces as of 26 December (21 min—1951).

127 Korea, 11 December through 18 December 1950—Maps show battlelines as of 2 January 1951—Tenth Corps troops break out of mountains in northeast after abandoning positions near Changjin reservoir—Equipment and supplies evacuated—Thousands of troops and Korean refugees at Port of Hamhung—Platoon of 3d Division under fire—Captured film shows modern Russian planes in flight (22 min—1951).

128 Korea, 18 December through 26 December 1950—Successful withdrawal from Hungnam of 10th Corps, including 1st Marine, 3d and 7th Infantry Divisions, and South Korean elements—Operation proves possibilities of evacuating an army by sea with as little loss as is sustained in an amphibious landing—Evacuation of 100,000 civilian refugees—Redeployment of 8th Army in Seoul area—Refugees fleeing from Seoul—Troops of 187th RCT in snow bivouac and Suwon—L–5 liaison airplane directs fire for artillery battery of 1st Cavalry Division—Funeral service for Gen Walton H. Walker in Tokyo on Christmas Day—UN naval air patrol around-the-clock operations—Map shows lines as of 8 January 1951 (27 min—1951).

129 Korea, 26 December 1950 through 2 January 1951—Map shows situation as of 15 January 1951—Port of Hungnam on last day of operations—105,000 troops, 100,000 refugees, 17,500 vehicles, and tons of equipment evacuated—Artillery and mortar help protect beach—Last UN troops blow up bridge, warehouses, and piers—Lt Gen Matthew B. Ridgway, new commander of 8th Army, makes survey of forces under his command—Troops withdrawing across Han River—Refugees clogging roads—Seoul orphans placed aboard C–54's at Kimpo airfield for evacuation (26 min—1951).

130 Korea, 2 January through 8 January 1951—Evacuation of troops and civilians from Inchon—Destruction of docks and other facilities—In vicinity of Suwon, troops of 24th Division in rear guard action as UN Forces dig in—Units of 29th British Brigade among last troops to leave

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Seoul—South Korean recruits embarking for basic training centers—Air base operations at Pusan—Tests made with B–47 jet bomber at Wichita, Kansas—Late situation map shows forces as of 22 January 1951 (21 min—1951).

131 Korea, 8 January through 15 January 1951—Maps show changing battle situation—UN troops digging out after heavy snowfall—F–80 Shooting Stars and B–26 light bombers striking enemy targets—Communist forced to remain in mountains, avoid coastal plains and move only by night—Activities of nurses at a station hospital in Korea—Army Nurse Corps begins 50th year—Late map shows situation on 29 January 1951 (17 min—1951).

132 Korea, 15 January through 22 January 1951—UN troops near Wonju, shortening defense lines—Retreating troops burn buildings to deny use to enemy—Gun-camera scenes record strikes against communist targets—C–119B Flying Boxcars drop supplies—Late situation map shows battlelines as of 5 February 1951 (16 min—1951).

133 Korea, 22 January through 29 January 1951—UN troops recapture key cities—Gen MacArthur inspects frontline positions—Supplies dropped by squadrons of Far East Air Force combat cargo command retreived by ground troops—B–36's in England, beginning return flight to Fort Worth, Texas—Basic training of South Korean recruits—Late map shows battle situation as of 12 February 1951 (29 min—1951).

134 Korea, 29 January through 5 February 1951—In Suwon area UN troops battle northward toward Seoul—New tactics account for more enemy casualties—Searching Chinese prisoners—First aid—ROK troops advancing—Chinese suicide groups harass advancing UN forces—Eighth army troops blast Chinese Reds from hill positions—Navy Corsairs drop napalm bombs—Late map shows battle situation as of 19 February (16 min—1951).

135 Korea, 5 February through 12 February 1951—UN troops advancing to Han River—Red resistance wanes under sustained air-ground attack—Lt Gen Ridgway inspects 25th Division positions—New 81-mm (round base plate) mortar crew in action—US engineers construct log bridge—Late map shows battle situation as of February (21 min—1951).

136 Korea, 12 February through 19 February 1951—Artillery of 24th Division firing on hill 584 as part of operation Killer—ROK troops retreating from Wonju—President Truman at ordnance display at Aberdeen, Md.—Gen Eisenhower arriving in France—British Canberra twinjet light bomber arriving US—Late map shows battle situation as of 5 March 1951 (19 min—1951).

137 Korea, 19 February through 26 February 1951—Lt Gen Ridgway inspects initial phase of operation Killer—Supplies and ammunition airdropped at front—Trucks and ambulances ferried across Han River—Bridge construction and repair—Ammunition loading by ordnance ammunition company on ship—Late map shows battle situation as of 12 March 1951 (19 min—1951).

138 Korea, 26 February through 5 March 1951—UN platoon crossing Han River under fire—UN air force machine gun and rocket strikes recorded by gunsight aiming-point cameras—Ceremonies aboard USS *Missouri* as commanders change—Danish hospital ship *Jutlandia* arriving at Tokyo Bay with

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volunteer Red Cross detachment—Distribution of Marine Corps League gifts to mothers and children in South Korea—Field assembly of helicopters at Taegu—Late situation map as of 19 March 1951 (20 min—1951).

139 Korea, 5 March through 12 March 1951—Units of 24th Division capture strong enemy hill position north of Han River—UN patrol of Greek and US troops seek enemy in advance of operation Killer—Units of 25th Division crossing Han River, 7 March—Navy harassing Red supply lines near Wonsan—US Practice parachute jump by 187th regimental combat team near Taegu—Ceremonies at Yokohama harbor for 50 American war dead, including Maj Gen Bryant E. Moore are placed aboard transport—Late situation map as of 26 March 1951 (24 min—1951).

140 Korea, 12 March through 19 March 1951—UN troops near 38th parallel—Progress impeded by Red Chinese land mines—Distributing rice rations to 200,000 survivors of 1,500,000 population in Seoul—Psychological warfare personnel dropping surrender leaflets and broadcasting messages to enemy—Helicopter operations in war zone—Late situation map as of 2 April 1951 (18 min—1951).

141 Korea, 19 March through 26 March 1951—Paratroopers of 187th airborne RCT participating in operation Tomahawk jump north of Seoul to cut off retreating Red units—Chunchon entry by tanks of 1st Cavalry Division—Fighter pilot training at Williams Air Force Base, Arizona—Late situation map as of 9 April 1951 (21 min—1951).

142 Korea, 26 March through 2 April 1951—Units of 25th Division push toward 38th parallel neutralizing sniper resistance—Bad weather and mud hamper units of 7th Infantry Division—Airborne supply continues—Naval bombardment of Wonsan harbor—Imjin River crossing by 1st ROK Division—Interrogating Chinese prisoners—Gen Eisenhower's activating command of SHAPE—Late situation map as of 16 April 1951 (19 min—1951).

143 Korea, 2 April through 9 April 1951—UN Forces of seven nations at 38th parallel meet no resistance along 110-mile front—US tank-infantry patrol crosses parallel north of Seoul and brings back Red prisoners—Former Secretary of the Army Pace and 8th Army Commander, Lt Gen Ridgway, arrive in 25th Division area—South of 38th parallel members of reconnaissance tank company encounter difficult road conditions—First Cavalry Division troops pursue Reds in an effort to prevent preparations for a counterattack—Late situation map as of 23 April 1951 (19 min—1951).

144 Korea, 9 April through 16 April 1951—Troops of 125th Division blast enemy in central and western sectors—Elements of the 5th RCT eliminate Red positions on key hill with aid of napalm-dropping aircraft—The 40th Division arrives in Yokohama, Japan, for further training and occupation duty—Arrival of Lt Gen Van Fleet in Korea—Crashed B–29's at Seoul airport—Use of 60-inch searchlights by engineer units to make artificial moonlight—Late situation map as of 30 April 1951 (14 min—1951).

145 Korea, 16 April through 23 April 1951—British and Belgian troops undertake patrolling action near the Imjin River at 38th parallel—Northwest of Seoul, rangers of task force Roger fail to contact enemy—In western sector, an artillery battery undertakes a night mission against Chinese communist troops across 38th parallel—Lt Gen Van Fleet visits the front—Aerial photographic reconnaissance mission of the 3d Division—Quartermaster

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clothing tests at Fort Lee, Va.—Battle situation as of 7 May 1951 (18 min—1951).

146 Korea, 24 April through 30 April 1951—Near the 38th parallel, British and Belgian troops are shown withdrawing as the Red spring offensive gets under way—Rain-soaked US troops withdraw through Uijonbu—Around Seoul, 1st Cavalry Engineers lay a massive antitank minefield, while our armor and artillery prepare to blast the Red hordes pitted against our Lincoln Line—In the heart of Seoul, 155-mm howitzers open up against the advancing Chinese—Evacuation of the sick from Seoul—Flight of refugees from the South Korean capital—Experimental air drop of VHF radio equipment near Taegu—Late battle situation map as of 14 May 1951 (20 min—1951).

147 Korea, 1 May through 7 May 1951—Engineers laying wire and minefield barricades against expected Red onslaught east of Seoul—F–51 Mustangs bomb Red assembly points on Seoul defense line—Coordinated air-ground attacks counteract communists' human wave tactics, and break up May Day offensive—Signal Corps teams in Seoul laying field wire between I HQ and supporting units—UN troops receive food and supplies on Lincoln Line while awaiting Red attack—Continuing artillery bombardment—Swamp rescue tests of the Navy in Florida Everglades—Late battle situation map, as of 21 May 1951 (18 min—1951).

148 Korea, 8 May through 14 May 1951—Above Seoul, Corsairs and F–51's, aided by ground observers, blast the enemy from hill positions—A T–6 Mosquito plane on a reconnaissance mission—Lt Gen Van Fleet presents the Presidential Unit Citation to the surviving members of the 1st Battalion, 29th Gloucestershire Regiment, 29th British Brigade—at Pusan, the first contingent of Ethiopian troops arrives to join the UN forces—Night illumination test, using Fagasse (napalm and gasoline)—Loading of Korean orphans aboard trains as part of the 1st Cavalry Division's Operation Mascot—In Marly Forest, near Paris, workmen construct buildings at the site of SHAPE headquarters—Late battle situation map as of 28 May 1951 (20 min—1951).

149 Korea, 14 May through 21 May 1951—First Cavalry patrol strikes at enemy north of Uijongbu—Two F–51 Mustangs catch fire and burn at airfield near Seoul—Replacement F–51 Mustangs arrive at Yokasuka, Japan, for Korean theater—Air shipment of fresh vegetables from Japan to the front—USS *New Jersey* arrives in Far East—Cutting hilltop trees in Korea for use as telephone poles—Chaplain activities at the front—Arrival at San Francisco of US veterans of Korean war under army's rotation policy (20 min—1051).

150 Korea, 25–31 May 1951—Defense efforts elsewhere in free world during same period—North of Seoul, 1st Cavalry Division troops advance as Red offensive wanes—Above Han River, 24th Division troops pursue and maintain contact with retreating enemy—Dutch battalion attached to 8th army jigs in at front—F–86's score over enemy jets—Unloading of airborne supplies at Korean airfield—Training Ethiopian troops in Korea—Delivery of MDAP supplies to France and Thailand—Ordnance demonstration at Aberdeen Proving Ground for West Point cadets—Situation map 11 June (20 min—1951).

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151 Korea, 1–8 June 1951—Events elsewhere concerning defense of US and allies during period—Dutch troops advance near Inje in Korea as last of Red forces are pushed back to 38th parallel—Advance of other UN forces hampered by mud—Airdropped supplies—Enemy forces escape across 38th Parallel—UN air attacks continue despite rainy weather—Submarine training at US Navy Submarine School, New London, Connecticut—Inspection of Scandinavian defense by Gen Eisenhower—Situation Map 18 June (18 min—1951).

152 Korea, 9–16 June 1951—Events elsewhere concerning defense efforts of free world during same period—F–51's give close support to 7th Division troops in blasting enemy from fortified hill positions south of Kumhwa—Enemy receives pounding by 155-mm howitzers of 25th Division in west central sector—US Marines process Red prisoners—US engineers build bridge with heavy equipment near Inje—Bombardment of Wonsan by USS *New Jersey* and USS *Manchester*—Ceremonies in Normandy, France, marking 7th anniversary of D-day—Gen Eisenhower proclaims need for strength to keep Europe free from tyranny (13 min—1951).

153 Korea, 11–18 June 1951—Tank-infantry patrol of 7th Division attacks Red strong point and clears roadblock east of Kumhwa—Air-ground team directs F–51 strikes against enemy on hill 603—Navy rockets blast shore targets near Wonsan during night firing mission—Signal Corps linemen lay trunk line in eastern sector with assistance of pack mules—Tenth Engineers corps complete construction of Bailey Bridge ahead of schedule on east central front—Views of striken Seoul—Experimental jet fighter X–5 at Niagara Falls, N.Y. (14 min—1951).

154 Korea, 18–25 June 1951—Turkish infantry unit drives enemy from town above Kumhwa—Trucks bring in supplies along main supply route of 10th Engineers Corps—Ordnance squad detonates aerial torpedo at Hwachon Dam—Chinese bunker construction—Engineer replacements undergo final training during a landing exercise near Inchon—Personnel of 4th Ordnance Battalion perform maintenance and repair functions—First truce parley at Kaesong, 8 July—Situation map 25 June (19 min—1951).

155 Korea, 25–30 June 1951—Canadian brigade engages enemy west of Chorwon—UN engineers construct pontoon bridge for heavy tanks to cross Imjin River—Captured North Koreans construct a PW camp on island of Koje-Do south of Pusan—Harbor activities at Inchon—Construction of railroad bridge across Han River at Seoul—Highway maintenance operations between Seoul and Yongdungpo—Cease-fire parley at Kaesong—Situation map 1 July (26 min—1951).

156 Korea, 1–8 July 1951—Red storage dump blasted by 155-mm self-propelled howitzers of 9th Engineers Corps northwest of Inje—Removal of Korean noncombatants from combat zone at Chorwon by UN personnel—Signal Corps personnel construct a field expedient wire-layer—Ordnance personnel conduct field ballistics test on 155-mm howitzer—Situation map 8 July—Maj Gen Pick, Chief of Army Engineers, arrives in middle western sector to supervise armed forces aid in flood-stricken areas—Cease-fire talks continue at Kaesong after enemy accedes to Gen Ridgway's demands for equality of treatment in respect to UN negotiators (21 min—1951).

157 Korea, 8–15 July 1951—Situation map 15 July—US Marines neutralize enemy positions northeast of Yanggu—M4 tank, bogged down in river, re-

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covered by tank retreiver—Cease-fire talks resumed at Kaesong after four days of inactivity (8 min—1951).

158 Korea, 15–22 July 1951—Situation map 22 July—Unit of 23rd Infantry Regiment engages in probing action to draw enemy small arms fire northwest of Inje—Victory ship delivers cargo of 105-mm shells at Inchon for rapid delivery to front—On 16 July, as Kaesong peace parley is stalemated, Gen Ridgway gives final instructions to Admiral Joy at UN peace camp at Mussong (11 min—1951).

159 Korea, 22–29 July 1951—Situation map 29 July—Plan Switch executed by 24th Division (regimental combat team) to place false information in enemy hands—Washout of Imjin River bridge impedes passage of UN peace convoy—Peace negotiations at Kaesong (9 min—1951).

160 Korea, 29 July–5 August 1951—Situation map 5 August—Riflemen of 2d Division attack hill 1179 north of Yanggu—Fifth regiment combat team takes enemy hill near Chirpuri—Damaged M4 tank removed by tank retreiver—UN engineers clear road to mines and roadblocks north of Yanggu—South Korean refugees gather on south shore of Han River for screening to re-enter Seoul—Rock-blasting mission by army engineers to widen pass near Inje—Violation of neutrality at Kaesong by presence of armed Chinese troops (19 min—1951).

161 Korea, 6–13 August 1951—Events dealing with defense efforts of free world—Erection of vhf station near Hamchon—C–119 cargo planes drop drums of napalm over Japanese target area in practice raid—Rescue of army officer marooned on section of pontoon bridge adrift near Munsan peace camp—Vice Admiral Joy flies by helicopter to Kaesong as enemy presses charges of violation of conference site by UN bombers—Alpine and armored cavalry units carry out realistic maneuvers with equipment furnished by allied nations under MDAP—Other troops and naval units go through their paces in Bay of Naples—Italian armed forces keep abreast of modern methods of warfare (17 min—1951).

162 Korea, 13–19 August 1951—Turkish brigade commands main line sector of UN resistance northwest of Chorwon—At Yanggu in North Korea, 155-mm howitzer of 96th US field artillery go into action against enemy bunkers miles away—Mobile map reproduction unit of US Engineers produces tactical maps quickly and in quantity—Refrigerated vans transport frozen foods to forward ration points—Flight test on supersonic Bell X–5 *Flying Guppy*—Situation map 19 August (15 min—1951).

163 Korea, 22–26 August 1951—Allies and Reds continue watchful waiting while peace talks remain suspended—In eastern sector ROK troops repulse communist attack with mortar and machinegun fire—Behind the lines, special MP units care for 180,000 prisoners taken since outbreak of hostilities—US Transportation Corps utilizes local labor and other resources in handling military and ECA supplies at Pusan Harbor—Striken Koreans receive medical attention in UN hospital—Native medical personnel inoculate an entire village against typhoid and tetanus as part of UN's civil assistance program—Situation map 26 August (18 min—1951).

164 Korea, 27 August–2 September 1951—UN personnel arrive at Kaesong to investigate enemy charges of violation of conference site by UN bombers—B–29 superforts blast Pyongyang with 500-pound demolition bombs—Engineers of 3d Combat Battalion, 24th Division, construct aerial tramway

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in central Korean sector as field expedient in moving supplies and casualties—Situation map 2 September (11 min—1951).

165 Korea, 3–9 September 1951—Northwest of Yanggu, M4 tanks of 38th infantry regiment tank company support ROK infantrymen in taking hill 773—Psychological warfare unit in action—*Banshees* take off from carrier to support B–29 raid—Truce deadlock at Kaesong—Situation map 9 September (10 min—1951).

166 Korea, 10–16 September 1951—Company of 7th US Marines advances against the enemy north of Inje—Gunsight aiming point cameras record Mustang air strikes against enemy targets—Air Force tests on new B–61 pilotless bomber—Situation map 16 September (11 min—1951).

167 Korea, 17–23 September 1951—Lone-range artillery unit of 3d Division bombards enemy during bad weather—North of Choroon, 65th infantry patrol is pinned down by automatic fire but achieves objectives and brings back prisoners—Situation map 23 September (13 min—1951).

168 Korea, 24–30 September 1951—First Division Marines engage enemy in Iron Triangle north of Yanggu—Operation marked by heavy air and artillery bombardment of communist strong points—Reclamation of shell cases by 619th Ordnance Ammunition Company—South of Kumsong, 24th and 25th Infantry Division seek out enemy resistance—Use of helicopters to land fully armed UN troops (14 min—1951).

169 Korea, 30 September–7 October 1951—Raider platoon of 25th Division probes Chinese position to obtain firing data for mortar teams—Hill 404 falls to 4.2 heavy mortar bombardment—North of Yongchong, tank-infantry team advances against enemy—Generals Ridgway, Bradley, and Van Fleet visit front—Airdrop supply mission executed by 8081 Quartermaster aerial supply and packaging company delivers supplies from Japan to front—Situation map 7 October (16 min—1951).

170 Korea, 8–14 October 1951—UN naval task force off Wonsan—Consolidation of position on hill 477—Recapture of hill 391—Mobile rocket launchers saturate target area at night with 4.5-inch rockets—Training of pigeons for messenger service—Spiral-four cable rehabilitation—US Air Force demonstration for American Ordnance Association (19 min—1951).

171 (18 min—November 1951—Film is classified CONFIDENTIAL).

172 Korea, 22–28 October 1951—Surrender of four delegates of North Korean forces—The arrival of former Assistant Secretary of Defense Mrs Anna Rosenberg, at Yanggu for frontline visit—Situation map 28 October (12 min—1951).

173 Korea, 28 October–4 November 1951—Tank patrol aids infantry units in capture of hill beyond Heartbreak Ridge—F–51's engage in close tactical air support mission—B–26 crash-landing in combat zone—Peace negotiations behind lines—Situation map 4 November (10 min—1951).

174 The Korean Situation—Combat activities during the week 4–11 November 1951—Artillery FOB—Activities and mission of the first Artillery Forward Observation Battalion in Korea (13 min—1951).

175 (10 min—December 1951—Film is classified CONFIDENTIAL).

176 Korea, 19–25 November 1951—Situation map for period—Reconnaissance patrol directs artillery fire on eastern sector of front to destroy

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enemy bunker—Use of phosphorus grenade against another enemy bunker—Battery of 120-mm antiaircraft guns tracking targets visually and by radar at Kataki firing range in Japan—Airdrop tests of personnel and equipment at Echterdigen airfield, Germany, and in Japan (12 min—1951).

177 Exercise Desert Rock near Las Vegas, Nevada—Construction of forward area and emplacement of army equipment and materiel—Transportation of troops to viewing area—Bomb explosion—Troops watch mushroom cloud and feel blast—Return of troops to forward area to inspect materiel and equipment subjected to blast (29 min—1951—Instructor's Notes).

178 Korea, 9–15 December 1951—Patrols and sporadic attacks by units of less than company strength—Foam smothering technique used to save burning C–47 transport—Demonstration of back-pressure air-lift method of artificial respiration—Peace talks at Panmunjom (10 min—1952).

179 Korea, summary of fighting to January 1952—Role of UN naval units—Activities of US 7th fleet—Formosa, present seat of Nationalist China—Areas across Formosa Straits—Mission of 7th fleet to secure Formosa from attack—Twenty-four hour long-range naval patrols over danger area—Activities of PY4Y seaplane and P–28 land-based patrol plan—Land-based planes flying from Okinawa and the Philippines readied for patrol duty—Plane patrol missions free 7th fleet for action off coast of Korea (14 min—1951).

180 Korea, 17–23 December 1951—Limitation of ground action along the front to patrols and minor skirmishes as truce talks at Panmunjom enter a new phase with exchange of prisoner lists—UN naval forces continue to bombard east coast anchor of enemy's line below Wonsan—Squadron of Sikorsky helicopters ferries battalion of Marine replacements to hilltop on eastern sector of Korean front—US aircraft carrier *Midway*, refueled at sea, serves as home base for group of AJ–1 attack bombers—Quartermaster Corps specialists test new cold weather undergarment for the combat soldier (14 min—1951).

181 Korea, 24–30 December 1951—Ground-fighting brought to halt by knee-deep snow in most sectors—UN forces maintain and adjust positions while cease-fire talks continue at Panmunjom—Ethiopian infantry opens fire on enemy hill bunkers from new positions of vantage taken after a reconnaissance—Removal of critically wounded infantrymen from Punchbowl above Yanggu by litter, jeep, and helicopter to a mobile army surgical hospital behind the lines—Helicopter evacuation versus echelon evacuation—Screening and internment at Kurye of communist guerillas and suspected civilians by task force of ROK capitol division (9 min—1952).

182 Korea, 31 December 1951 through 6 January 1952—UN forces repulse enemy attack in area above Korangpo—Air warfare continues unabated—Talks at Panmunjom reach another stalemate—UN forces continue to harass enemy supply lines—Army postal service operations in the Far East—Channeling mail to the Korean battlefront (17 min—1952).

183 Korea, 7–13 January 1952—UN tactical air command steps-up operation Strangle—Sharp ground fighting in west central sector of the front—On east coast, UN naval surface units and carrier-based aircraft continue interdiction of enemy supply lines—Truce talks bog down at Panmunjom as Soviet Foreign Minister Andrei Vishinsky tries to shift negotiations into

SFR No.

more direct channels of UN Security Council—Versatility of the US Army's light aviation plane—US Air Force speeds construction of five huge airbases in French Morocco (18 min—1952).

184 Korea, 14–20 January 1952—UN air sorties against enemy targets mount to the thousands as operation Strangle continues unabated—Ground fighting is restricted to miner patrol clashes—Truce talks continue deadlocked at Panmunjom over communist airfield issue—Two Red Cross representatives make surprise visit to PW camp in North Korea and are refused permission to enter—Conflict in Indo-China continues—French union troops and Vietnam forces fight bitter hit-and-run war with Vietminh insurgents (13 min—1952).

185 Korea, 21–27 January 1952—Operation Strangle—UN naval blockade of enemy supply lines—Artillery unit moves self-propelled 8-inch gun over icy Punchbowl Pass to ridgetop position on hill 1181, and fires directly into enemy bunkers—Truce talks remain deadlocked at Panmunjom—Paradrop by French Legionnaires from US Air Force C–82 Flying Boxcars outside Algiers—Characteristics of the C–82 (9 min—1952).

60. Training Films

Training films (TF) deal with approved Department of the Army doctrine. They cover specific topics and are intended for use at a definite time and place in the training programs.

TF No.

3–1164 Construction of Gasproof Shelters in the Field

Constructing an easy shelter that affords complete protection to troops in gassed areas (21 min—1943—Film Reference).

3–1407 Decontamination Procedure—Part I: Basic Techniques

Decontaminating agents—Proper use—Application (16 min—1945—Film Reference).

3–1496 Technique of Using Smoke

Basic principles which apply to tactical use of smoke—Typical situations where smoke is used advantageously for purposes of concealment and deception—Amphibious landing with subsequent inland fighting—Types of smoke dispensers used on the ground and in the air—Smoke for defensive purposes—Smoke used for military use (19 min—1949).

3–1719 Chemical Smoke Generator Company

Division chemical officer alerts company for mission—Preliminary reconnaissance indicates exact area to be screened—Company moves from bivouac to division assembly area—Security measures—Placing of units in position—Tour of inspection by division chemical officer—Generation of smoke—Effectiveness of smoke checked by ground and aerial observation—Fuel, supply, meteorological, maintenance, and communication sections—Other component parts of the company (19 min—1952).

3–1755 The Chemical Decontamination Company

Discussion of organization and mission of Chemical Decontamination Company—Designed to protect major installations, vital areas

TF No.

and specialized equipment against hazardous effects of chemical, biological, and radiological attack—Methods used to decontaminate airstrip that has been attacked with chemical and HE bombs—Demonstration of various methods of decontamination (16 min—1954—Film Reference).

3–1860 Individual and Unit Decontamination of Toxic Chemical Agents

Self-aid in toxic gas yard—Self-aid in combat—Decontamination of unit equipment after a chemical attack—Preparation and use of DANC Solution and Tropical Bleach (20 min—1958).

3–2196 The Employment of Toxic Chemical Agents

Characteristics and effects of four major types of toxic chemical agents—Principles of their employment in defensive and offensive combat situations—Various methods of dissemination—Factors governing effectiveness of gas (26 min—1955—Film Reference).

3–2245 Mixing and Evaluation of Flame Fuels

Feature and use of thickened and unthickened fuel—Rule of thumb and weight formula for mixing—Safety factors—Testing of fuel (22 min—1956—Color—Film Reference).

3–2431 Radiological Surveys

Aerial survey after test nuclear explosion; preselected dose rate and preselected point methods of performing ground surveys—Use of survey information (25 min—1957—Film Reference).

3–2499 Individual Protection against CBR Attack

Aimed at individual soldier—Nature of CBR warfare—Protective measures against atomic explosions, biological contamination, and gasses (25 min—1957—Film Reference—Replaces TF 3–1766, which is obsolete).

3–2593 Nerve Gases—Part I—Field Recognition and Self-Aid Procedures

Nature and symptoms of nerve gas poisoning—Self-aid in combat—Stress on proper use of gas mask and injection of atropine for survival—How atropine works to counteract effects of nerve gas (27 min—1958—Film Reference).

3–2594 Nerve Gases—Part II—Use of Injection Instruments

Features, components, and proper use of atropine and ampin injection instruments in self-aid to survive nerve gas attack—Proper method of preparing and correct technique for injecting these drugs are illustrated (17 min—1958—Film Reference).

4–640 Care and Maintenance of the 90-mm Antiaircraft Gun—Part I: Routine Inspection

Disassembling and oiling breechlock and firing mechanism (18 min—1943—Film Reference).

4–641 Care and Maintenance of the 90-mm Antiaircraft Gun—Part II: Regular Inspection

Daily inspection—Cleaning breech and firing mechanism—Checking bore and fuze setter—Preparing ammunition for use (19 min—1943—Film Reference).

TF No.

4–642 Care and Maintenance of the 90-mm Antiaircraft Gun—Part III: Routine Checks

Traversing and elevating checks necessary for preparation of fire—Checking and changing oil in recoil and counterrecoil buffer system (29 min—1943—Film Reference).

4–644 Care and Maintenance of the 90-mm Antiaircraft Gun—Part V: Firing, Safety Precaution, and Maintenance After Firing

Duties of each member of gun crew in preparing gun for firing—Handling of ammunition—Loading and firing of gun—Details of proper maintenance after firing (12 min—1943—Film Reference).

4–1103 Principles of Radar Operation—Part II: Methods of Indicator Presentation

A, B, C, and PPI oscilloscopes—Variations of these basic scopes—Individual characteristics of range, azimuth, and elevation scopes (26 min—1944—Film Reference).

4–1144 Care and Maintenance of the 90-mm Antiaircraft Gun—Part VI: Remote Control System M2

Orientation, synchronization in azimuth and elevation—Calibration corrections—Traversing and elevation mechanisms—Remote control system—Troubleshooting (23 min—1943—Film Reference).

4–1145 The 90-mm Antiaircraft Gun—Part I: Emplacement, Using the Prime Mover

Positions, and sections of bogies, carriage, a bogie frame, pedestal, bogie axle, bogie buffer, and trace in traveling position and emplacement of gun—Demonstration of gun emplacement—Teamwork of crew—Duties of section members (45 min—1943—Film Reference).

4–1146 The 90-mm Antiaircraft Gun—Part II: Emplacement Without Use of Prime Mover

Duties of members of gun section when emplacing 90-mm gun without prime mover—Steps in approved sequence (30 min—1943—Film Reference).

4–1147 The 90-mm Antiaircraft Gun—Part III: March Order

Meaning and execution of "march order" (30 min—1943—Film Reference).

4–1148 The 90-mm Antiaircraft Gun—Part IV: Technique of Antitank Firing

Principles of antitank fighting—Factors involved in shooting at moving tank—Important points in antitank fire technique with the 90-mm AA gun (42 min—1943—Film Reference).

4–1149 The 90-mm Antiaircraft Gun—Part V: Direct Fire Drill

Duties of each gun squad member—Shown in practice and under combat conditions (23 min—1943—Film Reference).

4–1271 Controlled Submarine Mines—Part II: Planting Control Buoys and Laying Shore Cable

Marking buoys used to locate mine group within minefield—Planting control buoys with distribution box boat and yawl—Laying shore cable with mine planter—Cable laid in two sections joined by watertight joint and junction box—Making watertight joint—Planting stern anchor for DB boat (29 min—1944—Film Reference).

TF No.

4–1272 Controlled Submarine Mines—Part III: Planting Ground Mines

Loading mines, cables, and accessories aboard planter—Connecting mine cables and raising ropes to their respective mine prior to planting—Method of planting—Safety precautions (25 min—1943—Film Reference).

4–1273 Controlled Submarine Mines—Part IV: Planting Buoyant Mines

Loading equipment aboard the mine planter—Loading and planting buoyant mines (21 min—1943—Film Reference).

4–1274 Controlled Submarine Mines—Part V: Preparing and Planting the Distribution Box

Operations aboard DB boat during planting of group of mines—Removal of marking buoys after group has been planted and tested (21 min—1943—Film Reference).

4–1275 Controlled Submarine Mines—Part VI: Operation of the Mine Field

Duties of range section—Observation instruments, plotting board, and communication system between observation stations and plotting room—Plotting course of ship through minefields—Use of mine predictor in observation fire—Operation of mine control system in casemate—Setting systems—Emergency mine control system—Audio reception center (34 min—1944—Film Reference).

4–1276 Controlled Submarine Mines—Part VII: Maintenance and Renovation of Underwater Equipment

Picking up distribution box and two types of mines—Duties of planting section—Renovation of faulty ground and buoyant mine equipment—Testing instruments for faulty cable—Mine cases unloaded—Equipment disassembled—Cases renovated—Tests of firing devices, coil roads, and underwater equipment—Component parts of minefield reassembled—Renovation of mooring rope and buoyant mine anchors (44 min—1944—Film Reference).

4–1277 Controlled Submarine Mines—Part I, Section I: Preparation of Ground Mine Underwater Equipment

Personnel division of mine battery—Shore sections—Submarine ground mine—Case assembly for planting—Standard ground mines assemblies—Preparation of cable, raising ropes, buoy ropes, mine buoys, control buoys, and distribution boxes—Assembly of buoyant mines by use of figure eight (47 min—1944—Film Reference).

4–1278 Controlled Submarine Mines—Part I, Section II: Preparation of Buoyant Mine Underwater Equipment

Planting mines—Anchoring equipment—Controls for each mine—Mine cables—Figure eight coil—Insulation and conductor resistance of cable—Cleaning—Loading of mine cases with TNT—Safety precautions—Functioning, preparation, assembly, and installing compound plug—Assembly of mine cap (19 min—1944—Film Reference).

4–1280 The Multiple Machine Gun Mounts—Part I: Operation and Maintenance

Mount in action—Defense against low flying planes—Servicing and maintenance (39 min—1944—Film Reference).

TF No.

4–1292 The Multiple Machine Gun Mounts—Part II: Drill and Firing

Inspection of mounts on half-track vehicle before going into operation—Locating target—Firing—Teamwork, speed, and precautionary measures (31 min—1944—Film Reference).

4–1293 The Directors M9 and M10—Part I: Emplacement and March Order

Assembly for emplacement—Dismantling for march order—Trucks equipped for hauling this material—Crew's duties (33 min—1944—Film Reference).

4–1294 The Directors M9 and M10—Part II: Orientation and Synchronization

Detailed explanations of orientation and synchronization—Orientation in elevation—Method of synchronizing the director (13 min—1944—Film Reference).

4–1305 The 120-mm (4.7-inch) Antiaircraft Gun—Part I; Going into Position

Six steps of going into position (37 min—1944—Film Reference).

4–1306 The 120-mm (4.7-inch) Antiaircraft Gun—Part II: March Order

All steps from firing position to preparing gun for march order (24 min—1944—Film Reference).

4–1307 The 120-mm (4.7-inch) Antiaircraft Gun—Part III: Preparation for Firing

Preparation for firing—Examining gun—Checking orientation, synchronization, and operation—Report (31 min—1944—Film Reference).

4–1308 The 120-mm (4.7-inch) Antiaircraft Gun—Part IV: Inspection of Ammunition and Firing

Ammunition squad inspects and prepares ammunition—Drill of gun section and service of piece during firing (23 min—1944—Film Reference).

4–1323 Siting of Gun Laying Radar Sets

Preparation of clutter and coverage diagrams—Use in determining operating position for gun laying radar (33 min—1944—Film Reference).

4–1324 The Radio Set SCR–584—Part I: Emplacement and March Order

Emplacement and preparation for travel—Spotting trial fires principal use of set (39 min—1944—Film Reference).

4–1325 The Radio Set SCR–584—Part II: Tracking Targets

Indicator presentation, searching, and tracking—Duties of each operator—Picking up, tracking, and reporting assigned target—Operating procedure (16 min—1944—Film Reference).

4–1363 Radar Spotting of Trial Fire—SCR–584

Preliminary steps taken in spotting trial fire—Tracking projectile on range indicator (9 min—1944—Film Reference).

5–200 Pioneer Equipment—Woodcutting Tools

Types of woodcutting tools used by pioneer troops—Purpose and use (10 min—1941—Film Reference).

TF No.

5–201 Pioneer Equipment—Manila Rope

Use of various sizes of manila rope—Characteristics—Care of rope (7 min—1941—Film Reference).

5–202 Pioneer Equipment—Hitches

Demonstration of half, clove, timber, rolling, mooring, cats-paw, and blackwall hitches (8 min—1941—Film Reference).

5–203 Pioneer Equipment—Knots and Bends

Demonstration of overhand, figure eight, square, sheet bend, double sheet bend, anchor, sheepshank, bowline, running bowline, and bowline on the bight knots—Bends and their uses (15 min—1941—Film Reference).

5–322 Pneumatic Paving Breaker

Principle, mechanism, assembly, operation, use, and care of Thor pneumatic paving breaker (24 min—1942—Film Reference).

5–571 Air Compressor and Air Tools—The Pneumatic Rock Drill M75

Mechanical action, operation, lubrication, and maintenance—Details of rotating type Thor sinker rock drill (19 min—1942—Film Reference).

5–697 Air Compressor and Air Tools—The Pneumatic Clay Digger

Purpose, correct usage, and functioning of clay diggers—Disassembly and assembly—Routine checks (14 min—1943—Film Reference).

5–698 Air Compressor and Air Tools—Part V: The Pneumatic Wood Borer

Field use of wood borer—Bridge building—Placing explosives in tree and stumps (9 min—1943—Film Reference).

5–699 Air Compressor and Air Tools—Part VIII: The Pneumatic Nail Driver

Technique of driving spikes and nails with nail driver in bridge construction (17 min—1943—Film Reference).

5–954 Enemy Booby Traps

Booby traps—Damaging effects—Construction—Placement methods and firing mechanisms (27 min—1940—Film Reference).

5–955 Air Compressor and Air Tools—Part VI: The Pneumatic Circular Saw

Circular saw in field and combat conditions—Clearing roadblocks—Easily transported and quickly set up for use (20 min—1943—Film Reference).

5–956 Air Compressor and Air Tools—Part VII: The Pneumatic Chain Saw

Uses of saw—Lubrication—Periodic maintenance (16 min—1943—Film Reference).

5–961 Camouflage For All Arms

Individual concealment—Natural and artificial camouflage of men and equipment (British film) (47 min—1943—Film Reference from British Film BC 139).

TF No.

5–1152 Carpentry—Part I: Measuring, Marking, and Leveling

Use of carpentry tools—Precautions (12 min—1943—Film Reference).

5–1153 Carpentry—Part II: Driving and Chopping

Principles of design of hand hatchet, adze, claw hammer, sledge hammer, and maul—Correct use and maintenance (13 min—1943—Film Reference).

5–1154 Carpentry—Part III: Sawing and Boring

Principles of design of crosscut saw, rip saw, brace, and bit—Correct use and maintenance (16 min—1940—Film Reference).

5–1155 Carpentry—Part IV: Planing and Chiseling

Jack plane demonstrated, dismantled, reassembled, and blade sharpened—Correct and incorrect handling of tools (14 min—1943—Film Reference).

5–1169 Military Roads and Runways—Part I: Clearing, Grubbing, and Rock Work

Preliminary clearing—Grubbing by use of explosives and mechanical means—Rock work done by "snake-holing," "mudcapping," and "block-holing"—Blasting methods used on high vertical and low shallow rock ledges (14 min—1943—Film Reference).

5–1181 Infantry Support Raft

Engineers build ponton rafts on river bank—Raft as transportation for heavy vehicles across unfordable streams (17 min—1943—Film Reference).

5–1190 Military Roads and Runways—Part II: Bases and Untreated Surfaces

Improving road bases by adding proper materials for stabilization (10 min—1943—Film Reference).

5–1192 Military Roads and Runways—Part IV: Soils, Cement Surfaces

Various methods of constructing roads and runways (12 min—1943—Film Reference).

5–1193 Military Roads—Part I: Road Expedients

Expedient methods of road construction in marshy and sandy soils—Use of corduroy, wire mesh, and other materials (21 min—1943—Film Reference).

5–1194 Military Roads—Part II: Drainage

Importance of drainage—Providing necessary crown—Constructing ditches and open and covered culverts (12 min—1943—Film References).

5–1197 Military Roads—Part V: Subgrade Preparation

Planning earth-moving operations to create best possible subgrade—Mixing sand and clay to obtain optimum subgrade—Locating subgrade to prevent failure from water—Creating artificial subgrade on marshy ground (9 min—1943—Film Reference).

5–1198 Military Roads—Part VI: Gravel and Rock Surfaces

Principles of gradation—Selection of materials—Placing materials on road base (8 min—1943—Film Reference).

TF No.

5–1226 The Double Apron Fence

Erection of double apron fence—Construction lay-out—Technique of using both reels and bobbins of barbed wire—Three basic methods of erecting a barbed wire fence (15 min—1943—Film Reference).

5–1242 Assault Boat River Crossing

Coordination between infantry and engineer boat crews, using M2 assault boats (17 min—1943—Film Reference).

5–1377 Explosives and Demolitions—Bangalore Torpedo

Assembly of torpedo—Characteristics and operation—Placing and setting off the charge—Improvising a bangalore torpedo (9 min—1944—Film Reference).

5–1408 Engineer Road Graders

Operation and use of motorized and towed-type road graders—Cutting V-type and flat-bottom ditches—Blade positions (19 min—1945—Film Reference).

5–1415 Operation of Rafts

Effective operation of rafts in swift currents—Infantry support raft used as example (15 min—1945—Film Reference).

5–1441 The Floating Bridge M4—Part II: Assembly of the Bridge

Construction of a 300-foot M4 bridge—Anchorage problems—Installation of end sections—Filling the gap with successive pontons and rafts (22 min—1945—Film Reference).

5–1442 The Floating Bridge M4—Part III: Rafts

Construction of four-ponton rafts—Basic raft in long bridge construction—Use of long raft to ferry bridge vehicles—Attaching powerboat to rafts (10 min—1945—Film Reference).

5–1546 Multiplex Mapping—Part II

Multiplex method of producing accurate topographical maps from aerial photographs—Process of converting three-dimensional aerial photographs into topographical maps (40 min—1949—Color).

5–1549 Multiplex Mapping—Part I

Method of producing topographical maps from photographs—Advantages of aerial maps and conversion into topographical maps—Obtaining dispositives from aerial photographs and using multiplex projector to obtain stereographic views of aerial maps for conversion into topographical maps—Procedure (26 min—1949—Color).

5–1676 Basic Engineer Reconnaissance

Functions of ground and air engineer reconnaissance units—Importance of knowing what to look for, paying attention to detail, and use of ingenuity and imagination in engineer reconnaissance (26 min—1952—Film Reference).

5–1688 The Army Engineer

The activities and objectives of the Corps of Engineers—Brief history—Typical responsibilities and achievements (22 min—1953).

5–1770 Detector Set, Metallic Mines, Polly Smith

This film presents *Polly Smith,* a development in antitank and antipersonnel mine detection equipment—It is lighter to carry, easier

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to maintain, can be operated on land and underwater, facilitates troop movement, and saves men and equipment (28 min—1953—Film Reference).

5–1774 Operator's Adjustments D–7 Tractor—Part I—Adjusting the LeTourneau Power Control Unit

Showing that operation of the D–7 Tractor depends on proper adjustment of the unit—How to recognize and correct common causes of power control unit trouble (11 min—1953).

5–1784 Asphalt Mixing Plant Set (Barber-Greene Model 848)

Discussing equipment design, mechanical operation, high-capacity production and suitability for all types of bituminous mixtures—Bituminous construction—Properties, ingredients, and uses of the various types of mix—Road mix, intermediate mix, and high-type mix—Operational knowledge and maintenance procedures of equipment essential to maximum efficiency (38 min—1952—Color—Distribution limited to ZI—Commercial Adaptation).

5–1785 Model 879A Finisher

The Barber-Greene Asphalt Finisher lays roads and runways for high-speed traffic—Discussion of characteristics, function, and mechanical operation—Characteristics of component parts (15 min—1952—Color—Distribution limited to Engineer Units in ZI—Commercial Adaptation).

5–1788 Basic Map Reading—Part I: Topographic Symbols

How to identify natural and man-made ground features by representative topographic symbols (18 min—1953—Film Reference).

5–1789 Basic Map Reading—Part II: Elevation, Distance, and Grid

Showing how to interpret contour lines in terms of measuring height and determining character of slopes—How to measure distances by map and graphic scales—Military grid system explained (27 min—1953—Film Reference).

5–1790 Basic Map Reading—Part IV: Direction, Orientation, and Location Without Compass

Step-by-step explanation for determining direction, orientation, and location without compass—How to orient the map and identify map symbols, compute distances—How to determine own position by ground features and distant objects—Locating objects on the map—Use of horizontal and vertical lines—Determining course by position of sun and stars—Locating enemy objects—Travel in strange terrain (21 min—1953—Film Reference).

5–1791 Basic Map Reading—Part III: Direction, Orientation, and Location with Compass

Illustrating how the compass is used to orient the map, locate one's own position, locate distant objects, travel cross country by day and at night (33 min—1953—Film Reference).

5–1792 Basic Map Reading—Part V: Photos and Photomaps

Showing how to identify terrain features on photographs and photographic maps—How to orient a photograph correctly—Identify-

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ing objects by size, shape, shadow, relative tone, and relation to surrounding features (23 min—1953—Film Reference).

5–1804 Location and Construction of Road Obstacles

Purpose, employment, location, and construction of road obstacles—Characteristics and application of various types of obstacles—Erection of a mine road block (22 min—1955—Film Reference).

5–1817 Construction of 10,000 Barrel Bolted Steel Tanks—Part I—Foundation, Bottom, and Sidewalls

Detailed description of construction and installation of huge tanks for storage of petroleum required by pipeline system needed to support army's machanizedcampaigns (16 min—1954—Film Reference).

5–1822 Beach Obstacles

Showing the purpose, types, employment, and construction of beach obstacles—Emphasizing the planning, selection, construction, location, and use of the various offshore, tidal zone, and shore obstacles (22 min—1953—Film Reference).

5–1826 Operator's Adjustments D–7 Tractor—Part II—Steering Clutch and Brake

Proper steering techniques—How to detect steering clutch and brake troubles—How and when to make corrective adjustments (11 min—1953—Film Reference).

5–1827 Operator's Adjustments D–7 Tractor—Part VI—Caterpillar Cable Control Unit

How to operate the caterpillar cable control unit—How to detect and correct operational trouble—Cable control clutch and brake adjustments (8 min—1953—Film Reference).

5–1828 Operator's Adjustments D–7 Tractor—Part III—Flywheel Clutch and Starting Engine Clutch

How to detect and correct flywheel clutch troubles—Methods of detecting and correcting malfunctioning of starting engine clutch (8 min—1953—Film Reference).

5–1829 Operator's Adjustments D–7 Tractor—Part IV—Fan Belt and Water Pump

Teaching the proper procedures for checking and adjusting the fan belt and water pump—Proper maintenance of the equipment insures maximum efficiency (8 min—1953—Film Reference).

5–1830 Operator's Adjustments D–7 Tractor—Part V—Tracks

Showing the methods, procedures, and tools used to check and adjust the tracks—Importance of proper maintenance for smooth dozer operation (7 min—1953—Film Reference).

5–1862 Military Pipeline Operations—Part I—Laying Pipelines

Demonstrates the laying of typical military pipeline—Stovepipe and grasshopper methods of laying pipe—Cold and hot bending pipe (19 min—1954—Film Reference).

TF No.

5–1863 Military Pipeline Operations—Part II—Installation of Pumping Stations

How to erect a pumping station, the heart of the pipeline system—Pumping stations provide the energy for smooth uninterrupted flow of fuel (17 min—1954—Film Reference).

5–1864 Military Pipeline Operations—Part III—Operation and Maintenance of Pipeline Systems

Three districts of military pipeline systems—Operation and maintenance by engineer pipeline company—Operation of pumping station (10 min—1954—Film Reference).

5–1898 Construction of 10,000 Barrel Bolted Steel Tanks—Part II—Center Support, Deck, Valves, and Vents

Continuation of TF 5–1817 (9 min—1954—Film Reference).

5–1996 Bridge-Panel Bailey Type M–2—Part I—Site Preparation and Layout

Standard types of Bailey bridges—How they can be identified—Preparation of site and layout of rollers for construction of the 90-foot, single span, single story bailey bridge—Assembling the bridge (17 min—1955—Film Reference).

5–1997 Bridge-Panel Bailey Type M–2—Part II—Basic Construction

Basic procedures for erecting a 90-foot double truss Bailey bridge—Importance of team work and safety precautions are underscored (37 min—1955—Film Reference).

5–1998 Bridge-Panel Bailey Type M–2—Part III—Multi-Story Construction

Showing how to erect multistory bridges—Depicts erection of a partial story reinforcement, a triple truss double story, and a three-story bridge—Basic assembly procedures are the same for single story and multistory construction except that heavy constructions require more men and parts (25 min—1955—Film Reference).

5–2103 Timber Trestle Bridge

Construction of a Class 60, timber trestle bridge—Selecting and layout of bridge site—Unloading and arranging construction materials—Excavating for foundation—Erecting sub and super structures (17 min—1955—Film Reference).

5–2105 Aluminum Floating Footbridge

Purpose, characteristics, capabilities—Step-by-step procedures involved in the construction of the bridge (19 min—1955—Film Reference).

5–2106 Bridge, Floating, Pneumatic Float, Class 60, Steel Superstructure—Part I—Bridge Assembly

Two methods of assembly—Joining complete single bays and assembly of two float sections—Stress on safety measures during construction (35 min—1956—Film Reference).

5–2107 Bridge, Floating, Pneumatic Float, Class 60 Steel Superstructure—Part II—Rafts

Features of various types of pneumatic rafts—Construction of the 4-, 5-, and 6-float rafts—Installation of ramps, deck panels, filler

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and ramp tread panels—Loading rafts—Moving rafts across stream—Responsibilities of rafting crews (16 min—1955—Film Reference).

5–2108 Bridge, Floating, Pneumatic Float, Class 60, Steel Superstructure—Part III—Fixed Spans

Erection of 75′ span—Centerline abutment sill and footing, trestles, deck tread, filler and ramp panels, guy lines, and hand rail posts (17 min—1956—Film Reference).

5–2217 Explosives and Demolitions—Part I—Demolition of a Reinforced Concrete "T" Beam Bridge

Demonstrates the methods used to demolish a reinforced concrete "T" beam bridge—Covers: types of explosives used, calculation, placement and tamping of charges, and detonation (9 min—1957—Film Reference).

5–2276 Water Purification—Part I—PH and Chlorine Residual Test

Proper addition of indicator solutions—Final matching of colors through comparator eyepiece—Evaluating test results (7 min—1957—Color—Film Reference).

5–2277 Water Purification—Part II—Chlorine Demand, Arsenic, and Nitrogen Mustard Tests

Test equipment, chemicals, procedures, and analysis of test results for each test (8 min—1957—Color—Film Reference).

5–2278 Water Purification—Part III—Coagulation Test

Test equipment and chemicals—Preparation of standard solutions—Testing raw water with standard solutions—Optimum PH test (8 min—1957—Color—Film Reference).

5–2279 Water Purification—Part IV—Turbidity, Color, Taste, and Odor Tests

Obtaining and analyzing turbidity reading—Difference between apparent and true color—Testing for odor—Taste test (4 min—1957—Color—Film Reference).

5–2280 Water Purification—Part V—Chlorides and Sulfates Tests

Chlorides—Use of potassium chromate and analysis of test sample—Sulfates—Use of barium solution and analysis of test sample (7 min—1957—Color—Film Reference).

5–2282 Demolitions, M–10 Universal Destructor

Features and components of the M–10—How it is used with adapter, M–1 and M–3 firing devices, 16-mm mortar shell, and 105-mm and 155-mm projectiles (7 min—1956—Distribution to Army film and equipment exchanges in CONUS and overseas—Film Reference).

5–2294 Construction of General Cargo Aerial Tramway (Ship-to-Shore)

Use of tramway in logistical operations—Assembly and emplacement of major components (37 min—1956).

5–2333 Major Bridge Construction

Construction of pier foundations, piers and superstructures—Assembly, lifting, and launching of heavy girders and trusses—Safety precautions (13 min—1956—Film Reference).

TF No.

5–2334 Emplacements, Intrenchments, and Shelters—Part I—Introduction

Construction and use of caves, surface type work and those built by cut-and-cover technique—Requirements for effective field fortifications (17 min—1957—Film Reference).

5–2349 Fixed Bridges—Jacking Down Heavy Girders

Launching and positioning double girder on cribbing—Lowering girder to beam seats to permit removal of cribbing—Final seating of girder (7 min—1957—Film Reference).

5–2350 Military Fixed Bridges—Nomenclature—Timber Trestle Bridges

Nomenclature, features, and function of components of superstructure and substructure curb and hand rail assembly, flooring, stringer systems and supports (6 min—1957—Film Reference).

5–2351 Crane Shovel Unit, Bucyrus Erie, Crawler Mounted, Adjustment of Main Operating Clutches and Brakes

Adjustment of "slipping" clutches, and the hoist and crowd brakes (6 min—1957—Film Reference).

5–2352 Grader, Motorized, Caterpiller No. 12—Adjustment of the Bevel Gear and Pinion

Installation of bevel gear, bearings and pinion—Addition and/or subtraction of shims; checking for back lash (7 min—1957—Film Reference).

5–2353 Grader, Motorized, Caterpillar No. 12—Adjustment of the Main Flywheel Clutch

Initial check of clearance between yoke arms and release bearing housing—Adjustment of linkage—Final check and adjustment to insure proper clearance between release levers and release bearing (4 min—1957—Film Reference).

5–2354 Grader, Motorized, Caterpillar No. 12—Before Operation Services

Checks on fuel, oil, coolant, tires, gauges, lines and connections, loose or worn parts, brakes, power controls, and any unusual performance (6 min—1957—Film Reference).

5–2355 Grader, Motorized, Caterpillar No. 12—Starting and Stopping Procedures

Starting and stopping the starting engine and diesel engine—Sequence of operation and location of components (4 min—1957—Film Reference).

5–2356 Tractor, Caterpillar D–8—Before Operation Services

Check on fuel, auxiliary gas, oil, coolant, tracks, gauges, leaks, loose or missing parts, operating controls, power controls, and other operating defects (5 min—1957—Film Reference).

5–2357 Tractor, Caterpillar D–8—Starting and Stopping Procedures

Starting and stopping the starting engine—Starting and stopping the diesel engine (3 min—1957—Film Reference).

5–2361 Demolitions—Clearing Stumps and Boulders

Placement, tamping, and firing dynamite cartridges to clear stumps—Snakeholing, blockholing, and mudcapping methods of blasting boulders (9 min—1957—Film Reference).

TF No.

5–2362 Demolitions—Placing Charges on Steel

Cutting steel with plastic and block explosives—Placement, priming, firing, and "shearing" effect of offset charges (5 min—1957—Film Reference).

5–2363 Demolitions—Placing Charges on Wood

External charge on large timber—Internal charge in bore hole in timber—Charge on partially cut tree—Charges to fell trees and cut piling (6 min—1957—Film Reference).

5–2371 Field Engineering in the Subarctic—Part I—Winter Roads

Film depicts the methods, materials, and techniques for building, reinforcing, and protecting roads for winter combat operations on the Subarctic—Features and methods of erecting fences for protection from snow drifts are covered—Main points are reviewed (27 min—1958—Film Reference).

5–2372 Field Engineering in the Subarctic—Part II—Winter Field Fortifications

Digging and blasting foxholes into snow, ice, and frozen earth—Construction of built up timber and semi-permanent fortifications—Camouflage (22 min—1957—Film Reference).

5–2373 Field Engineering in the Subarctic—Part III—Ice Mines, Ice Mine Fields, AT and AP Mines and Obstacles

Construction of snow road blocks, ice concrete barriers, timber abatis, and barbed wire barriers—Laying mines and detecting and removing mines (21 min—1957—Film Reference).

5–2406 Map Reading, Basic: Azimuth

How azimuth is used to reach a city street destination—Definition and examples of azimuth, azimuth circle, and back azimuth (5 min—1957—Film Reference).

5–2407 Map Reading, Basic: Azimuth Conversion

How the grid azimuth is converted to magnetic azimuth to determine a "path" to an objective—Conversion of magnetic to grid azimuth (5 min—1957—Film Reference).

5–2408 Map Reading, Basic: Characteristics of Contour Lines

How to read contour lines denoting: uniform, gentle, steep, concave, and convex slopes; cliffs, valleys, stream junctions, cuts, and fills (6 min—1957—Film Reference).

5–2409 Map Reading, Basic: Contour Lines and Intervals

How to read the contour interval and lines to determine shape and elevation of land—Examples of lines denoting steep hills and gentle slopes (5 min—1957—Film Reference).

5–2410 Map Reading, Basic: Direction

Definition and differences between True North, Magnetic North, and Grid North—Use of declination diagram to determine which North is desired (4 min—1957—Film Reference).

5–2411 Map Reading, Basic: Elevation

Methods used to indicate elevation—Elevation markings by means of: contour lines and hachures on maps, form lines on aerial photo-

TF No.

graphs, ridge and stream lines on maps and photographs, and layer tints on maps and charts (5 min—1957—Film Reference).

5-2412 Map Reading, Basic: Intersection

How an unknown position is fixed by means of intersection method—Sighting and plotting enemy position by first and second observers (5 min—1957—Film Reference).

5-2413 Map Reading, Basic: Location

How location can be determined with the aid of a military map—Reading grid line coordinates, the west-east grid line and the north south grid line as aids in determining location (4 min—1957—Film Reference).

5-2414 Map Reading, Basic: Percent of Slope

Computing vertical and horizontal distance in field—Measuring same distance on map—Applying formula for finding percent of slope (7 min—1957—Film Reference).

5-2415 Map Reading, Basic: Resection

How to locate an unknown position by the resection method—Taking sights on two identifiable reference points—Computing back azimuth (7 min—1957—Film Reference).

5-2416 Map Reading, Basic: Scale and Distance

How to determine scale and distance by use of representative fraction and graphic scale (5 min—1957—Film Reference).

5-2417 Map Reading, Basic: Using the Protractor

Use of protractor to find the azimuth or "street" along which to travel to reach a destination (5 min—1957—Film Reference).

5-2445 Demolitions—Detonating Cord Priming

How detonating cord and accessories are used to fire single and multiple charges—Procedures for priming demolition blocks, dynamite, plastic, and cratering charges—Splicing technique and manner of attaching cord to explosive is stressed (9 min—1958—Color—Film Reference).

5-2449 Explosives in Combat

Techniques and devices used for cratering; clearing road blocks, trees, frozen and weeded terrain; demolished bridges; clearing tank barriers, etc. (10 min—1957—Film Reference—Replaces FB 5-198 which is obsolete).

5-2450 Demolitions—Electric Priming

Procedure for priming TNT blocks, dynamite, M1 and M2 demolitions blocks, plastic and cratering charges—Use of galvanometer—Proper and safe assembly—Proper technique for firing the firing system (6 min—1958—Film Reference).

5-2451 Demolitions—Non-electric Priming

Non-electric priming of TNT blocks, plastic explosives, dynamite and ammonium nitrate cratering charge—Waterproofing primer for under water use (8 min—1957—Film Reference).

TF No.

5–2452 Demolition—Placing, Spacing, and Tamping Breaching Charges

Depicts the procedure for placing, spacing, and tamping of internal charges to breach a wall, pier, concrete slabs, and pavement—Tamping material requirements, calculating and placing of charges and amount of explosives for each operation is emphasized (5 min—1957—Film Reference).

5–2453 Land Mine Warfare, Pull-release Firing Device, M–3

Employment and operation of Pull-release Firing Device M–3 is discussed—Testing, arming, and disarming the M–3 and its use with grenades, explosive charges, and the Universal Destructor is detailed (8 min—1957—Film Reference).

5–2457 Crane-Shovel Unit, Detaching the Shovel Front

Depicts the procedure for detaching the shovel front from the crane-shovel power unit—Stress is placed on inspection, lubrication and coiling of cables, after removal (8 min—1957—Film Reference).

5–2458 Crane-Shovel Unit, Attaching the Piledriver

Details the procedure for attaching the piledriver leads—Reeving and anchoring hammer hoist cable and pile cable—Lubrication of equipment prior to use (6 min—1957—Film Reference).

5–2459 Crane-Shovel Unit, Attaching the Backhoe

Step-by-step procedure for attaching an A-Frame rigging suspension, hoist and drag cables—Anchoring boom and A-Frame—Lubrication of equipment prior to operation (7 min—1957—Film Reference).

5–2460 Crane-Shovel Unit, Attaching Clamshell and Dragline Buckets

Installation of lattice type boom—Details in attaching the buckets—Stress on installing and reeving of cables properly (7 min—1957—Film Reference).

5–2461 Crane-Shovel Unit, Attaching the Crane Front End

Use of lattice-type boom—Installation of suspension cable and crane hoist line—Reeving and anchoring two and three part crane hoist lines (7 min—1957—Film Reference).

5–2462 Guided Missile Equipment—NIKE—Elevator Locking Bar Cylinder, Replacement and Adjustment

Step-by-step procedure for replacing and adjusting the elevator locking bar cylinder—Stresses on cleaning all parts and connectors of cylinder (6 min—1957—Film Reference).

5–2463 Guided Missile Equipment—NIKE—Flow Control and Door Cushioning Adjustment

Step-by-step procedure in adjusting flow control and door cushioning to permit synchronous and smooth operation of NIKE pit doors (5 min—1957—Film Reference).

5–2464 Guided Missile Equipment—NIKE—Elevator Locking Bar Cylinder, Removal

Procedure for removing elevator locking bar cylinder for repairs or replacement (6 min—1957—Film Reference).

TF No.

5-2465 Guided Missile Equipment—NIKE—Door Cylinders, Removal

Demonstrates the step-by-step procedure in removing door cylinders for repair or replacement, underscoring prescribed safety precautions (7 min—1957—Film Reference).

5-2466 Guided Missile Equipment—NIKE—Part I—Four-way Valves, Disassembly

Step-by-step procedure in disassembly of four-way valves in NIKE elevator hydraulic system—Stresses on care to avoid damage or loss of O-ring (9 min—1957—Film Reference).

5-2467 Guided Missile Equipment—NIKE—Power Unit Belt Replacement

Removal of old set of belts—Installing new set—Determining belt tension-Adjusting motor and pump pulleys—Checking proper belt position and tension (9 min—1957—Film Reference).

5-2468 Guided Missile Equipment—NIKE—Two-way Valve, Disassembly and Assembly

Step-by-step procedure for disassembly and assembly of the two-way valves in hydraulic system of the NIKE elevator (7 min—1957—Film Reference).

5-2469 Guided Missile Equipment—NIKE—Bleeding Door Cylinders

Procedure for bleeding a single cylinder or four cylinders simultaneously to assure complete removal of air from hydraulic system (5 min—1957—Film Reference).

5-2506 Guided Missile Equipment—NIKE—Part II—Four-way Valves, assembly

Step-by-step procedure for assembly of four-way valves in NIKE elevator hydraulic system—Stresses on cleaning and protecting all parts (6 min—1957—Film Reference).

6-1072 The 155-mm Gun M1—Part I: Nomenclature of the Piece

Setting up and emplacing gun for firing—Operations explained (26 min—1943—Film Reference).

6-1227 Laying the Field Artillery Battery

Teaching and standardizing procedures in laying a field artillery battery (15 min—1943—Film Reference).

6-1498 Field Artillery Sight Tests and Adjustments

Function and technique of testing and adjusting field artillery sighting equipment with 105-mm howitzer equipment (27 min—1949—Film Reference).

6-1533 Countermortar

Countermortar methods of locating enemy mortar—Forward observers—Air observation and photographs—Analysis of craters—Countermortar radar—Electronics observation posts—Prisoner interrogation—Relaying information to division artillery—Setting up fire mission to neutralize enemy mortars (25 min—1949).

6-1657 Artillery Survey

Methods and techniques of artillery survey—Equipment and personnel—Traverse, triangulation, and target area base—Resection,

TF No.

inspection, and astronomic observation—Typical field artillery battalion survey party executing a grid sheet survey—Various phases of planning, field work, computation, and plotting—Importance of accuracy in surveys (32 min—1951).

6–1678 Artillery Orientation by Sun and Star—Part I: The Altitude Method

Determination of true direction by altitude method of solar observation—Measurement of angles to sun, corrections for parallax, refraction, and solution of celestial triangle based upon observer's latitude plus altitude and declination of sun (25 min—1951).

6–1686 Crater Analysis

Operation and techniques of crater analysis—Determination of enemy weapon and location by crater analysis resulting from shellfire—Method of relaying information to rear—Correlation of crater analysis with additional sources of information as a basis for counterfire and countermortar missions (21 min—1952).

6–1696 Fire Direction Procedure—Part I: Precision Fire

Procedures of fire direction center in precision registration of 105-mm howitzer battalion—Techniques common to all fire direction activities—Proper methods in announcing and transmitting data (37 min—1952).

6–1697 Fire Direction Procedure—Part II: Area Fire

Mission No. 1. Requests base point using percussion fuze—Plotting target—Sending fire commands to batteries—Adjusting battery fires—Converting observer's corrections into new fire commands—Firing by battalion for effect—Data for replotting provided by Baker computer and vertical control operator.

Mission No. 2. Where observer's location is known—Time fuze adjustment—Calculation of 20/R by computer to obtain air burst—Handling of corrections for height or burst.

Mission No. 3. Request for unobserved fire from higher headquarters for area fire, time fuze, a range spread of ½ C apart with coordinate location of target given (35 min—1952).

6–1703 Fire Direction Procedure—Part III: Observed Firing Chart

Observed firing chart principles—When surveyed chart is not available—Fire direction center and firing batteries ready for action—Live action steps in preparing grid sheet—Horizontal control operator—Use of temporary chart—Applying registration data to charts (31 min—1952).

6–1757 Field Artillery Radar

Discussing and illustrating tasks that can be accomplished by radar units organic to field artillery—Importance of weapons' location—Detection of enemy mortar shell—Tracking second shell by radar with direct-support battalion—Location and destruction of enemy mortar location (22 min—1953—Film Reference).

6–1775 Field Artillery Sound Ranging

The mission, capabilities, limitations, and operation of sound ranging platoons of the field artillery observation battalion—Locating enemy artillery—Registering friendly artillery—Using sound-on-sound adjustment (23 min—1953—Film Reference).

TF No.

6–1813 Field Artillery Reconnaissance, Selection and Occupation of Position—Part I: From Rendezvous

Principles and procedures for planning the field artillery reconnaissance, selection and occupation of position, from the rendezvous through to the start of firing by the battery (31 min—1953—Film Reference).

6–1814 Field Artillery Reconnaissance, Selection, and Occupation of Position—Part II: From the March

A combat situation showing field artillery reconnaissance, selection, and occupation of firing position from the march (22 min—1953—Film Reference).

6–1897 The 280-mm Atomic Artillery Projectile (U)

(25 min—1953—Film is classified SECRET—RESTRICTED DATA.)

6–1962 Service of the Piece, 280-mm Gun

Atomic capability of the 280-mm gun—How the weapon is serviced—Duties and responsibilities of the gun crew—Emplacement and firing—Reduction of malfunction (34 min—1955—Film Reference).

6–1991 Service of the Piece—105-mm Howitzer

Capabilities—Uncoupling the piece—Preparing for action—Fire commands and fuze settings—Care and cleaning of the weapon—Coupling and locking weapon into position for travel (34 min—1955—Film Reference).

6–2201 The Field Artillery Observation Battalion

How battalion gathers, reports, and evaluates information to accomplish target acquisition (22 min—1956).

6–2258 Introduction to Flash Ranging

How flash ranging platoon spots and reports targets and battlefield information to artillery units—Capabilities and limitations of flash ranging (18 min—1956).

6–2374 The 762-mm Rocket—Part I—Introduction to the System (U)

(16 min—1957—Film Reference—Film is classified CONFIDENTIAL.)

6–2375 The 762-mm Rocket—Part II—Mechanical Assembly

Transfer of components from cargo truck to rocket trailer—Mechanical assembly of components on trailer—Safety precautions (14 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

6–2376 The 762-mm Rocket—Part III—Electrical Testing

Checks on rocket motor, flight cap, motor igniter continuity and ground, spin-rocket continuity and ground—Safety precautions (16 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

6–2377 The 762-mm Rocket—Part IV—Loading

Removal of assembled rocket from trailer—Loading on rocket launcher—Use of wrecker boom and handling beam—Duties of crewmen (13 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

TF No.

6–2378 The 762-mm Rocket—Part V—Preparation for Action

Laying and leveling launcher—Emplacing and leveling wind measuring set—Placing aiming posts—Recording deflection (19 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

6–2379 The 762-mm Rocket—Part VI—Firing and March Order

Electrical checkouts, applications of firing data and wind corrections, firing of rocket, equipment set in traveling position, march order command (20 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

6–2401 The CORPORAL Battalion, Part I—Introduction to the System (U)

(23 min—1957—Initial distribution to Army Film and Equipment Exchanges for loan to Artillery, Ordnance, and other personnel concerned with the CORPORAL on a need-to-know basis—Film is classified CONFIDENTIAL.)

6–2402 The CORPORAL Battalion—Part II—Description of Equipment

Trailer, test station, ground guidance stations, tracking equipment, power and control equipment, erector, loading equipment, warhead, launcher, firing station (25 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

6–2403 The Corporal Missile—Fueling Operation

Step-by-step procedures in acid filling and aniline fueling operations—Safety precautions are stressed (35 min—1957—Film Reference—Film is FOR OFFICIAL USE ONLY).

6–2424 Artillery Orientation by Sun and Star—Part II—The Hour-Angle Method

Computing the true azimuth of Polaris, converting true azimuth to grid azimuth, use of corps grid coordinates for effective fire (12 min—1957—Film Reference—Replaces TF 6–1679 which is obsolete).

7–680 Ski Safety

Ski safety precautions against excessive speed, faulty waxing, improperly adjusted bindingg, and pack equipment—Remedies for overheating, sunburn, and snow blindness (21 min—1942—Film Reference).

7–681 Ski Safety—First Aid and Emergency Repair of Equipment

First aid for various types of ski accidents—Correct methods of handling and removing injured—Emergency repair of equipment (41 min—1942—Film Reference).

7–993 Infantry Hasty Field Fortifications—Part I: Individual Intrenchments

Effective procedures in digging intrenchments under fire—Preparing temporary stands in field combat—Individual trench or foxhole, spider hole, prone shelter or slit trench—Effective camouflage of individual intrenchments (22 min—1943—Film Reference).

7–1131 Infantry Hasty Field Fortifications—Part II: Emplacement of the Light and Heavy Cal .30 Machine Gun

When, where, and how, to dig emplacements for light and heavy cal .30 machine guns—Types of foxholes, their particular use, and how to camouflage them during digging and after completion (20 min—1943—Film Reference).

TF No.

7–1263 The Bayonet Fighter

Use of bayonet—Confidence in its uses—Various positions—Individual and group assault tactics (21 min—1943—Film Reference).

7–1303 Stream-crossing Expedients—Part I: Crossing of Personnel

Improvised methods by which infantrymen can get themselves and their equipment across a stream when engineers are not available (16 min—1944).

7–1304 Stream-crossing Expedients—Part II: Flotation of Weapons, Equipment, and Vehicles

Flotation of vehicles and heavy weapons across streams—Construction of raft made from canvas cover of weapons carrier, braced by truck bows or saplings—Its use to transport weapons, ammunition, and equipment of a mortar or machine gun—Large truck wrapped up and floated across stream (15 min—1944—Film Reference).

7–1475 Military Rock Climbing—Technique of Climbing

Organization of the two- and three-man climbing teams—Climbing equipment and its correct use—Teams climbing and descending various types of formations—Types of holds—Knots to be tied—Emphasis on individual attention and judgment for each rock (32 min—1948—Film Reference).

7–1480 Military Rock Climbing—Movement of Combat Units

Procedures for moving and operating with certain types of equipment in mountain areas—Individual rock climbing—Safety factors—Use of field expedients—Methods of handling organizational equipment in difficult terrain—Transporting sick and injured (31 min—1948—Film Reference).

7–1506 The Reinforced Rifle Platoon in the Attack of a Built-up Area—Part I: Tactics and Techniques

Composition of squadron—Organization, tactical plan, and weapons used in attack—Procedures detailed (22 min—1954—Film Reference).

7–1507 The Rifle Platoon in Attack on Fortified Positions

Fortified positions from Great Wall in China to Maginot and Siegfried Lines of WW II—Neutralization of fortified positions—Establishment of fortified positions, site, and construction—Rifle platoon destroying an enemy pillbox (30 min—1950—Film Reference).

7–1518 Summer Mountain Movements and Bivouacs

Training methods and standards used to overcome special problems of troops and materiel in mountains during summer—Marching techniques—Substitution of animals for motor vehicles—Variety of bridges—Difficult hazards—Choice and defense of bivouac (26 min—1949—Film Reference).

7–1522 Counterfire

Primary purpose of this film is to illustrate the value and the how and why of shell reporting—Methods of locating enemy artillery—Sound locating equipment, aerial photographs, and interrogation of prisoners—Fire mission under orders to neutralize enemy artillery—Order based on counterfire officer's information (13 min—1950—Film Reference).

TF No.

7–1539 Dangerous Journey

Two survivors of combat patrol complete scouting mission into enemy territory—Systematic plan of action—Details of individual camouflage, cover, and concealment during day and night (46 min—1949—Film Reference—From British Army Film BC 1009).

7–1550 Combat in Deep Snow and Extreme Cold

Techniques of combat under conditions of deep snow and extreme cold in forested areas of Arctic—Infantry rifle company on 2-day combat mission in enemy territory—Applicable techniques and survival methods (21 min—1950).

7–1642 The Reinforced Rifle Platoon in the Attack of a Built-up Area—Part II: The Attack

Depicts tactical planning, preparation and execution of an attack on enemy-held town by reinforced rifle platoon—Advantages of surprise, firepower, and teamwork (35 min—1954—Film Reference).

7–1681 Infantry Weapons Against Tanks

Use of various antitank weapons of infantry company and battalion—The 105-mm and 57-mm recoilless rifles, 3.5-inch rocket launcher (bazooka), and 81-mm mortar—Use of antitank mines and tank boobytraps—Rifle grenades, white phosphorus rifle and hand grenades, thermite grenades, Molotov cocktails, flamethrowers, machine guns and rifles—Vulnerable features of tanks (21 min—1950—Film Reference).

7–1709 Troop Movement by Motor

Presenting the details incident to planning and executing a motor march—Explaining by action and animation the various types of motor movements, organization, and mission of reconnaissance and quartering parties, preparation of the march table, distribution of nonorganic trucks, organization of motor serials and march units, and route control with march halts (34 min—1953—Film Reference).

7–1710 Foot Marches

Training men in foot march techniques—Illustrating duties and responsibilities of officers and men before, during, and after the march—Importance of careful supervision—Topics treated include importance of careful supervision, detailed preparation for and execution of the foot march in combat—Success depends on pride of unit and leadership (23 min—1952—Film Reference).

7–1714 Reconnaissance Patrols

Type of terrain best suited for daylight and nighttime reconnaissance patrols—Operation of a night reconnaissance patrol to detect and report certain information on the enemy in a given sector prior to a major attack—Planning and mission of the patrol—Camouflage of men—Selection of equipment and route—Report by patrol leader to battalion command post upon accomplishment of mission (32 min—1951—Film Reference).

7–1717 The Infantry Battalion in Defense—Part I

Corps headquarters receives report of impending aggressor attack—How an over-all plan of defense evolves—Duties of division,

TF No.

regimental, and battalion commanders—Seven principles of defense (34 min—1952—Film Reference).

7–1718 The Infantry Battalion in Defense—Part II

Depicting actual conduct of defense when superior enemy firepower forces withdrawal—Redisposing company elements—Ability of infantry to hold at all costs is the decisive element between the enemy and the objective—Mass firepower—Close combat—Counterattack strategy (21 min—1952—Film Reference).

7–1729 Observation of Mortar Fire by the Combat Soldier

Theory and application of forward observation of mortar fire—Basic factors of forward observation—Relation of observer to computer—Mil relation—Bracketing and creeping methods of adjustment—Rectangle of dispersion and its significance in adjusting fire—Firing for effect—Elements of initial fire request (40 min—1955—Film Reference).

7–1743 The Rifle Platoon in a Night Withdrawal

Withdrawals are made to avoid unfavorable battle conditions—This training film details specifically the planning, preparation, and execution of control measures necessary to insure a successful night withdrawal (37 min—1952—Film Reference).

7–1745 The Reinforced Infantry Battalion in the Attack—Part I: Planning the Attack

Coordination and planning necessary prior to an attack mission by a reinforced infantry battalion (31 min—1952—Film Reference).

7–1746 The Reinforced Infantry Battalion in the Attack—Part II: Conduct of the Attack

Showing the planning, coordination, and tactical strategy a reinforced infantry battalion employs in an attack mission—Briefings—Preparational procedures—Use of rifle companies, artillery, mortar, tactical air and tank fire, and infantry-tank teams (27 min—1952—Film Reference).

7–1750 Combat Patrols

A patrol leader's report of accomplishment of a night combat patrol mission against enemy opposition—Emphasizing importance of staff coordination, preparation of men and equipment, rehearsals, and teamwork (37 min—1952—Film Reference).

7–1867 Front Line Rifle and Weapons Squad in Defense

Defensive mission, reconnaissance, fragmentary defense order—Squad leaders formulate plan for defense—Orientation on administrative, logistical, command and signal matters—Platoon leader issues fire order—Successful repelling of the enemy in close combat (23 min—1954—Film Reference).

7–1868 Fire and Maneuver—Fundamentals and Squad Employment

Fire and maneuver are important phases of tactical combat—Definition and illustration of each—Correct accomplishment of maneuver (24 min—1954—Film Reference).

TF No.

7–1904 Life Cycle of the Infantry Regiment—Activation

Discussion of the activation of a typical infantry regiment—Each step detailed: orientation, duties and responsibilities of the regimental commander and of the unit staff, S1, S2, S3, S4, and executive officer—Designation of regiment and company areas—Reception of cadre—Cadre training—Drawing and issuing supplies and equipment—Close coordination of staff planning—Development of esprit de corps—Supply economy (15 min—1954—Film Reference).

7–1905 Life Cycle of the Infantry Regiment—Training

Discusses intensive training given the unit to develop fighting effectiveness—Each phase of training program explained: basic combat phase, advanced individual phase, basic unit training, advanced unit training, maneuver phase—Development of individual fighting skills and specialties, team work, and esprit de corps—Development of fighting units to work as tactical teams—Rigorous training under simulated battle conditions—Development of leaders (14 min—1954—Film Reference).

7–1906 Life Cycle of the Infantry Regiment—Movement Overseas

Regimental movement overseas detailed—Duties and responsibilities of S1, S2, S3, S4, and executive officer—Importance of security measures—Morale—Continuation of physical survival training—Care of equipment—Inspections for shortages (18 min—1954—Film Reference).

7–1907 Life Cycle of the Infantry Regiment—Staging Overseas

Immediate establishment of liaison with theater command upon arrival at foreign port—Movement of troops and materiel to staging area—Further duties and training at staging area—Movement of regiment from staging area to forward assembly area for actual battle—Use of organic transportation (9 min—1954—Film Reference).

7–1908 Life Cycle of the Infantry Regiment—Combat

Explanation and illustration of all phases of actual combat—Receipt of division order—Regimental commander's initial concept—Staff estimates—Commander's estimate—Commander's decision—Operation plan—Operation order—Supervision of execution by commander—Analysis of tactics used in specific combat situations—Regiment in attack and in defense—Retrograde movement—Delaying action—Pursuits—River crossings—Movement by air—Use, exploitation of, and defense against atomic weapons—For successful operations, prior planning and preparation should be as complete as situation and time permit (27 min—1954—Film Reference).

7–1909 Life Cycle of the Infantry Regiment—Occupation

War is over but there is occupation duty in foreign country (Germany)—Commander issues disposition of regiment in support of the Military Government—Regiment's activities include: guarding military equipment and vital industrial plants, collecting weapons from civilians, screening civilians for security, care of displaced persons, transporting food stuffs to market centers, establishing extra water supply points, safeguarding public health—Combat citations awarded—Combat credits computed—Theater rotation policy established (10 min—1954—Film Reference).

TF No.

7–1910 Life Cycle of the Infantry Regiment—Inactivation

Orders to return to US are received—Regiment serves as carrier unit for the move—Duties of S1, S2, S3, and S4—Discharge procedures for troops—Official inactivation of regiment (9 min—1954—Film Reference).

7–1931 The Intelligence and Reconnaissance Platoon Tactical Employment

Missions, organization and equipment of I&R Platoon—Techniques and Tactics employed to carry out mission (40 min—1955—Film Reference).

7–1947 Dismounted Drill—Part I: Squad Drill—Part II: Platoon Drill

Purpose and nature of drill—Commands—Command Voice—Composition, basic formations, and movements of squad and platoon (32 min—1955—Film Reference).

7–1972 Terrain Analysis

Problem of a battalion in the attack—Depicts procedures for making a terrain analysis for formulating a plan of attack—Ground reconnaissance—Map study of critical terrain features—Aerial reconnaissance—Regimental objective (10 min—1955—Color—Film Reference).

7–2185 Cycle of Operation Caliber .30 Machine Gun—Part I: Feeding

Action within the receiver during feeding—Positioning of cartridge against cartridge stops—Grasping of cartridge by extractor—Positioning of cartridge by extractor for chambering (7 min—1955—Film Reference).

7–2186 Cycle of Operation Caliber .30 Machine Gun—Part II: Chambering

Forcing cartridge into chamber—Forcing ejector away from cartridge—Positioning of extractor to grasp another cartridge (4 min—1955—Film Reference).

7–2187 Cycle of Operation Caliber .30 Machine Gun—Part III: Locking

Action of the bolt on the accelerator of the lock frame allowing the recoiling group to move forward—Seating of breech lock into breech recess—Locking the recoiling groups together (5 min—1955—Film Reference).

7–2188 Cycle of Operation Caliber .30 Machine Gun—Part IV: Firing

Action within the weapon from the time the trigger is raised until striker of firing pin ignites the primer in the cartridge (6 min—1955—Film Reference).

7–2189 Cycle of Operation Caliber .30 Machine Gun—Part V: Unlocking

Unlocking action, showing rearward movement of recoiling parts—Separation of the bolt from the barrel and barrel extension (6 min—1955—Film Reference).

7–2190 Cycle of Operation Caliber .30 Machine Gun—Part VI: Extraction and Ejection

Actions within the receiver during extraction and ejection—Showing how during extraction the empty cartridge case is pulled from the chamber and how during ejection the cartridge case is forced out of the receiver (4 min—1955—Film Reference).

TF No.

7–2202 Trigger Squeeze M1 Rifle

Correct method of squeezing trigger of M1 rifle—Emphasis on proper trigger squeeze for accurate fire (5 min—1955—Film Reference).

7–2203 Restoration of Balance, 57-mm, Recoilless Rifle

Disassembly of breech lock—Removal of worn throat rings and blocks—Installation of new throat rings and blocks—Stress on importance of keeping breech lock openings clean to prevent recoil (9 min—1955—Film Reference).

7–2204 Barrel Packing, Caliber .30 Machine Gun M1917A1

Purpose of barrel packing for operation of gun—Steps in packing the muzzle and breech ends (6 min—1956—Distribution to Army film and equipment exchanges in CONUS and overseas—Film Reference).

7–2205 Cooling System, Browning Machine Gun, Caliber .30 M1917A1

How steam generated from the heat of the barrel during firing passes through the cooling system and condenses back to water (5 min—1956—Distribution to Army film and equipment exchanges in CONUS and OS—Film Reference).

7–2215 Cycle of Operation Caliber .30 Machine Gun—Part VII: Cocking

Cocking action, showing how the firing pin spring is compressed by the cocking level as the bolt moves to the rear (7 min—1955—Film Reference).

7–2223 Technique of Machine Gun Fire—Part I: Characteristics of Fire, Classes of Fire Target Designation

Trajectory, maximum ordinates, beaten zone, center of impact—Fire w/respect to gun, target and ground—Direction, designation and range of target (37 min—1956—Film Reference).

7–2224 Technique of Machine Gun Fire—Part II: Fire Distribution, Fire Control, Fire Commands

Fire distribution for wide, deep and oblique targets—Application, shifting and cessation of fire—Oral commands and hand signals—Initial and subsequent fire commands (38 min—1956—Film Reference).

7–2225 Technique of Machine Gun Fire—Part III: Direct Laying

Technique of engaging point, wide, deep, and oblique targets—How targets are identified and fire placed—Technique of engaging in distinct targets (41 min—1956—Film Reference).

7–2226 Technique of Machine Gun Fire—Part IV: Preparation of Range Cards

How information for direction and elevation is obtained and noted—Position of gun, final protective line, sectors of fire, range for likely targets (28 min—1956—Film Reference).

7–2227 Technique of Machine Gun Fire—Part V: Expedients for Predetermined Fire

How base-stake notch stick and aiming stake methods are employed in day and night operations—Use of flashlight and poncho at night (21 min—1956—Film Reference).

TF No.

7–2228 Technique of Machine Gun Fire—Part VI: Overhead Fire

Methods of delivering overhead fire—Minimum clearance—Determining Safety angle w/Gunner's Rule and w/Leader's Rule (19 min—1956—Film Reference).

7–2229 Technique of Machine Gun Fire—Part VII: Position Defilade

Partial, minimum, and maximum types of position defilade—Elements common to all methods for engaging targets—Computed quadrant elevation and aiming points methods (40 min—1956—Film Reference).

7–2230 Technique of Machine Gun Fire—Part VIII: Field Zeroing the Light Machine Gun M1919A6 on Bipod Mount

How gunner adjusts line of aim so that weapon delivers accurate fire on target (6 min—1956—Film Reference).

7–2231 Technique of Machine Gun Fire—Part IX: Measuring Angles, Caliber .30 Light Machine Gun M1919A6 on M2 Mount

How gunner measures and records horizontal angle readings to engage targets under any condition of visibility (8 min—1956—Film Reference).

7–2232 Technique of Machine Gun Fire—Part X: Zeroing the Light Machine Gun M1919A6 on Tripod M2

How the gunner adjusts the line of aim so that weapon delivers accurate fire on target (5 min—1956—Film Reference).

7–2233 Technique of Machine Gun Fire—Part XI: Auxiliary Aiming Point

How gunner obtains an auxiliary aiming point data and how he uses it to engage a target regardless of his ability to see it (6 min—1956—Film Reference).

7–2239 81-mm Mortar (M29) Mechanical Training and Crew Drill

Features and use in combat—Mortar crew in action—Step-by-step procedures for mounting, sight setting and laying, loading, firing, and removal of misfires (14 min—1956—Film Reference).

7–2395 Basic Military Skiing—Part I—Selection and Care of Equipment

Selecting skis and poles—Adjusting skis for proper fit—Cleaning, tarring, and waxing skis—Fitting and care of ski climbers—Care of equipment in field (17 min—1956—Film Reference).

7–2396 Basic Military Skiing—Part II—Skiing Techniques

Walking on level terrain—Falling and recovery—Cross-country skiing with and without poles—Single and double poling—Changing direction—Skiing uphill—Climbing on skis (29 min—1956).

7–2397 Individual Fighting Techniques on Snow

Advancing on skis—Handling ski equipment—Firing techniques (rifle and automatic weapons)—Camouflaging men and equipment—Construction of fighting positions—Protection of weapons (23 min—1956—Film Reference).

7–2433 The 106mm Rifle—Part I—Introduction to the Weapon

Characteristics, components, use and operation—How it is fired from truck and ground—Safety precautions—Disassembly into 2-load breakdown (8 min—1957—Film Reference).

TF No.

7–2434 The 106mm Rifle—Part II—Duties of the Crew and Service of the Piece

Duties of the 4-man crew of the 106mm Rifle—Procedures for loading, firing, unloading, and clearing weapon—Preparing weapon for travel (7 min—1957—Film Reference).

7–2435 The 106mm Rifle—Part III—Crew Drill on Vehicular Mount

Duties of crewmen in carrying out the before, during, and after firing commands—Importance of crew drill to develop speed and efficiency is stressed (6 min—1957—Film Reference).

7–2436 The 106mm Rifle—Part IV—Dismounting and Mounting the Rifle

Duties of crewmen in dismounting and mounting the weapon—Stressing speed, precision, and teamwork in executing crew drills (6 min—1957—Film Reference).

7–2437 The 106mm Rifle—Part V—Using the Spotting Rifle

Purpose, features, and operation of Cal .50 Spotting Rifle—Aligning with 106mm rifle—Capabilities, limitations, proper handling of ammunition—Loading, firing, adjusting fire—Cleaning the weapon (7 min—1957—Film Reference).

7–2438 The 106mm Rifle M40A–1—Part VI—The Stadia Sight

Components, stadia principle and method of plotting stadia lines—Use of stadia lines to determine range of targets of known and unknown dimension—Use of Spotting Rifle with stadia sight (12 min—1958—Film Reference).

7–2550 Reporting Enemy Information

Methods and techniques of gathering and reporting enemy information by individual soldier—Correct observation and search techniques—Complete and accurate reporting of enemy activity—Use of reported information by S–2 Officer (23 min—1958—Film Reference—Replaces TF 21–1289 which is obsolete).

7–2551 Counterintelligence in Combat

Purpose of counterintelligence in combat—Depicts the three major categories employed to deny the enemy information, to deceive him, and to detect and neutralize his subversive activity—Operation of front line checkpoint—Apprehension of the agent (28 min—1958—Film Reference—Replaces TF 11–321 previously declared obsolete in MFIB No. 85).

7–2580 Helicopterborne Operations

Typical helicopterborne assault—Attack order—Loading, moving, and unloading of troops and equipment—Action of supporting ground and air elements—Seizure of objective—Evacuation of casualties—Advantages for successful ground tactics in terms of speed, mobility, and flexibility (24 min—1958—Film Reference).

8–1297 Personal Health in Snow and Extreme Cold

Principles of living and operating in cold—Conserving body energy—First aid for snow injuries—Type of clothing—Cleanliness—Over-all cold weather technique for keeping healthy (19 min—1944—Film Reference).

TF No.

8–1343 Care of the Sick and the Injured—Part I: Morning Care

Morning care of patients—Breakfast—Importance of attractive service—Dietary patients—Feeding the helpless—Ward policing (7 min—1944—Film Reference—From Navy Film MN 1511–B).

8–1344 Care of the Sick and the Injured—Part II: Evening Care

Evening care of patients—Nightshift corpsmen—Washing patients—Importance of frequent alcohol rubbing to prevent pressure sores—Medicine—Hourly check of patients throughout the night by corpsmen (7 min—1944—Film Reference—From Navy Film MN 1511–E).

8–1345 Care of the Sick and the Injured—Part III: Post-operative Care

Procedure for making anesthetic bed—Moving patient from stretcher to bed—Care required when patient is arousing from anesthetic (13 min—1944—Film Reference—From Navy Film MN 1511–H).

8–1346 Care of the Sick and the Injured—Part IV: Temperature, Pulse, and Respiration

Correct way of taking temperature, pulse, and respiration—Places where pulse beat may be found (15 min—1944—Film Reference—From Navy Film MN 1511–I).

8–1366 Hypodermic Needles and Syringes—Their Care and Function

Construction, cleaning, sharpening, and sterilizing hypodermic syringes—Cleaning syringe after use, removing stains, and freeing stuck plunger (16 min—1944—Color—Film Reference—Commercial Adaptation).

8–1378 Clinical Malaria

Activity of anopheline mosquito—Life cycle of malaria parasite in human blood stream—Studies of symptoms and course of disease—Comparison of benign, tertian, quartan, and malignant tertian malaria (26 min—1944—Film Reference).

8–1383 Care of the Sick and the Injured—Enemas

Retention type and evacuation type enemas—Procedure in administering—Care of patient and equipment (20 min—1944—Film Reference—From Navy Film MN 1511–V).

8–1388 The Heart and Circulation

Chest and heart diagram—Types of breathing and correlated heart sounds—Mechanism of heart action illustrated by picture of turtle heart and animated diagram of valve action—Importance of heart and nerve stimuli on heart rates (10 min—1944—Film Reference—Commercial Adaptation).

8–1389 Mechanism of Breathing

How air is drawn into the lungs—Various functions of breathing mechanism—Animated diagrams and photographs of simple experiments (11 min—1944—Film Reference—Commercial Adaptation).

8–1390 Digestion of Foods

Food intake, digestion, and absorption—Artificial stimulation of nerve to salivary glands by electricity to increase flow of saliva—

TF No.

Interrelationships of stomach, intestine, and digestive glands (10 min—1944—Film Reference—Commercial Adaptation).

8–1391 Control of Body Temperature

Physiological experimemts—Role of nerve endings, heart rate, and skin—Primary mechanism of skin temperature dependent upon dilation of capillaries, sweating, and relaxation of skin muscles (11 min—1944—Film Reference—Commercial Adaptation).

8–1392 The Work of the Kidneys

The renal system—Formation of urine—Regulation of blood composition—Functioning of bladder—Relation of blood pressure to urine flow—Rate of secretion as affected by sugar, water, and temperature—Animated drawings and laboratory demonstrations (11 min—1944—Film Reference—Commercial Adaptation).

8–1393 The Nervous System

Importance of quick nerve reactions—Comparison of central nervous system of frog, cat, and mouse—Other nerve conditions shown by picture of paralysis of different muscles compared with spinal cord diagrams and cross sections (11 min—1944—Film Reference—Commercial Adaptation).

8–1394 The Eyes and Their Care

Practical vision maintenance—Diagrams of eye—Details of component parts—Types and defects of vision (11 min—1944—Film Reference—Commercial Adaptation.)

8–1395 Endocrine Glands

Elementary summary of how some endocrine glands affect living beings—Experiments on parathyroid, pituitary, and thyroid glands—Description and results (11 min—1944—Film Reference—Commercial Adaptation).

8–1396 Body Defenses Against Disease

Body defense mechanisms and their manner of repelling or combating bacteria—Ways in which the skin walls off invading organisms—Importance of vaccines and serum therapy (11 min—1944—Film Reference—Commercial Adaptation).

8–1428 Care of the Sick and Injured—The NP Patient

Handling and care of neuropsychiatric patients (28 min—1945—Film Reference—From Navy Film MN 1511–R).

8–1429 Physiology of Anoxia—The Basis of Inhalation Therapy

Oxygen entering tissue from lungs while state of anoxic, anemic, stagnant, or histotoxic anoxia is present—Respiratory system—Respiration increase during heavy labor—Illnesses where anoxia may be present (Technical film for professional personnel only—22 min—Film Reference—Commercial Adaptation).

8–1430 Oxygen Therapy Procedures

Oxygen therapy—Precautions in storing oxygen—Attaching regulator to cylinder valve—Starting flow of oxygen—Choice of apparatus—Administering oxygen by face mask and tent (36 min—1945—Commercial Adaptation).

TF No.

8–1460 Care of the Sick and Injured—Chain of Asepsis

Sterile technique—Importance of sterile linens, preoperative preparation of patient, scrub technique, preparation of the operating room, and maintenance of chain of asepsis during operation (30 min—1945—From Navy Film MN 1511–F).

8–1461 Care of the Sick and Injured—Enemy Bacteria

Necessity for meticulous cleanliness in surgery—Entry of bacteria into bloodstream—Action of bacteria—Resultant effect on patient (29 min—1945—Color—Film Reference—From Navy Film MN 1511–L).

8–1467 Control of Louse-borne Disease

Control of louse-borne diseases through personal and barracks sanitation—Use of DDT and other insecticides (15 min—1946—Film Reference).

8–1468 DDT in the Control of Household Insects

Effective methods of controlling household insects—Responsibilities of Corps of Engineers and Medical Department—Methods of applying DDT in its three forms—Equipment used to apply DDT against houseflies, cockroaches, and bedbugs—Living and breeding habits of these insects (17 min—1948—Film Reference).

8–1476 Our Food and Our Health

Importance of proper eating habits as a factor in maintaining individual soldier's health and well-being (15 min—1948—Color—Film Reference).

8–1495 Control of Mosquito-borne Diseases

Cooperation of Army, Navy, and Air Force personnel in research and control of mosquito-borne diseases—Importance of proper clothing—Equipment needed for spraying and destroying breeding places of carriers of malaria, dengue, brain fever, and filariasis (19 min—1948—Film Reference).

8–1501 The Stowaway—Part I: Disease and Personal Hygiene

Obvious and obscure ways in which disease is spread by food-handling personnel—Proper sanitary precautions and remedies (17 min—1948—Film Reference).

8–1502 The Stowaway—Part II: Galley Sanitation

Personal hygiene of food-handling personnel—Importance of sanitation in preventing spread of disease (24 min—1948—Film Reference).

8–1503 The Stowaway—Part III: Food Storage

Careful inspection of food by US Army Veterinary Corps, Bureau of Animal Industry, and Port Food Service Inspector prior to procurement and use aboard troop transports—Proper facilities for food storage—Detailed principles of proper storage and preservation of food (13 min—1949—Film Reference).

8–1520 Isolation Technique

Correct procedures, techniques, and precautions used in handling cases requiring isolation in hospitals (18 min—1948—Film Reference—From Navy Film MN 1511–X).

TF No.

8–1536 The Medical Examination—Part I: Importance

Importance of medical examination for military and civilian personnel—Attitude of examining doctor—Doctor-patient relationship—Doctor-doctor relationship—Doctor-administrator relationship—All important factors in proper conduct of medical examination and maintenance of accurate records (19 min—1949—Film Reference).

8–1537 The Medical Examination—Part II: History

Reviewing Form 89, Report of Medical History, prior to medical examination—Evaluation of patient's physical handicaps in relation to his occupational duties (17 min—1950—Film Reference).

8–1538 The Medical Examination—Part III: Examination

Composition of typical examining team used in large-scale examinations—Progression of examinees from phase to phase of operation—Coordinating each step in examination with item-by-item format of Forms 88 and 89, Report of Medical Examination (17 min—1950—Film Reference).

8–1576 Hospital Food Service Personnel Training—Part II: The Individual

Importance of observing rules concerning personal cleanliness and sanitary work habits to prevent spread of germs (13 min—1950—Film Reference).

8–1577 Hospital Food Service Personnel Training—Part III: Equipment

Importance of cleanliness in food handling—Danger of food poisoning—Proper rules for cleaning equipment—Loosening dirt, dissolving or emulsifying dirt, rinsing, and drying (12 min—1950—Film Reference).

8–1578 Hospital Food Service Training—Part IV: Serving Food

Importance of serving food in an appetizing manner—Types of duties (15 min—1950—Color—Film Reference).

8–1586 Fractures—An Introduction

Modern concept of treating a fracture—Mechanism, pathology, repair, and management of fractures (27 min—1949—Film Reference—Commercial Adaptation).

8–1650 Ward Care of Pneumonia Patients

Pneumonia as a primary cause of death—Care of pneumonia patients by nurses and medical orderlies—Mechanics and operation of the oxygen tent—Rules of positive health (23 min—1950—Film Reference).

8–1660 Nursing Care in Poliomyelitis

Necessary care in successful treatment of poliomyelitis patients—Nursing care—Treatment of spasm—Care of the respirator patient—Convalescent care (70 min—1951—Color—Film Reference—Commercial Adaptation).

8–1665 Personal Hygiene

Good personal hygiene—Detailed care of hair, teeth, feet, and body (30 min—1950—Film Reference).

8–1669 The Rat Problem

Destructiveness of the rat—Contamination it causes—Rat as a carrier of disease—Blood poisoning caused by rat bites—Transmittal of plague

TF No.

from rat to man by rat fleas—Necessity for using scientific method to control rats (25 min—1950—Film Reference).

8–1670 Habits and Characteristics of the Rat—Part I: The Norway Rat

Activities and characteristics of the Norway rat (28 min—1950—Film Reference).

8–1671 Habits and Characteristics of the Rat—Part II: The Roof Rat

Habits of the roof rat—Comparison of the roof with the Norway rat (13 min—1950—Film Reference).

8–1672 Sanitation Techniques in Rat Control

Conditions necessary to rat life—Methods of interior and exterior ratproofing (21 min—1950—Film Reference).

8–1673 Practical Rat Control—Ratproofing

Ratproofing key to permanent rat control—Examples of rat's gnawing ability—Basic materials used in ratproofing—Use of mobile work shop in ratproofing—Island theory of rat control—Best and most economical method of ratproofing—Continuous rat sanitation (19 min—1950—Film Reference).

8–1674 Practical Rat Control—Rat Killing

Eliminating requisites for rat existence—Poisons—Mechanical devices—Importance of control and experienced exterminators—Area control methods (37 min—1951—Film Reference).

8–1675 Rat Ectoparasite Control

Infection of man with murine typhus and plague by rat flea—Positive methods of killing fleas with DDT—Elimination of rats to prevent dreaded communicable diseases (12 min—1951—Film Reference).

8–1683 Evacuation of Casualties

Outlines the work and responsibilities of medical department personnel—Purposes of various medical installations in the chain of evacuation—Process from battalion aid to stateside hospitals (33 min—1952—Film Reference).

8–1691 General Effects of Heat on Man

Hot-room tests on human body conducted at Medical Department Field Research Laboratory, Ft Knox, Kentucky—Effects of heat on human body during military operations—Controlled laboratory conditions to simulate climates of deserts and tropical jungles—Dehydration, heat exhaustion, and heat stroke—Preventive measures and first aid treatment—Adequate water intake—Water-and-salt balance—Proper clothing—Shelter against sun—Proper eating habits—Differences between dry and damp heat (21 min—1951—Film Reference).

8–1705 Transportation of Casualties

Removal of casualties from combat area—One- and two-man carriers and the use of litters to ambulances, trucks, DUKW's, hospital trains, aircraft, and ships—Improvisation when lacking standard equipment—Use of litter sleds in far north—Special methods in mountainous terrain—Hospital ships and transport aircraft used

TF No.

to transport casualties to permanent hospitals in ZI (26 min—1951—Film Reference).

8–1706 Speech Reading

Ease with which people suffering from a hearing loss may learn to increase other powers of perception, especially the sense of sight and *see* what people are saying—Methods of learning how vowel and consonant sounds are formed by the mouth—What to observe—The technique of observation demonstrated by an internal film which the audience is assumed to be viewing directly through the *eye* of the camera (28 min—1952—Distribution limited to ZI and Hawaii—Film Reference).

8–1708 Hospital Sanitation

Hospital window cleaner, whose work takes him through the entire hospital, narrates story of hospital cleanliness—What it takes to keep outer grounds, offices, clinics, laboratories, storerooms, elevators, corridors, and wards germ-free—Special precautions to clean contaminated bedding in isolation wards—Purity of water supply (14 min—1951—Film Reference).

8–1761 Medical Planning for a Task Force Operation

Joint operations of Army, Navy, and Air Force require long-term medical planning—The task force surgeon designates responsibilities such as these among the three services: defense against biological, atomic, and chemical warfare; estimates of required hospitalization quarters and number of fixed beds; immunization-fighting personnel against endemic diseases; provisions for adequate medical units, supplies, and specialized medical personnel in the combat area; detailed plans for evacuation of wounded by sea and air (32 min—1952—Film Reference).

8–1763 Medical Service of the Infantry Division—To Conserve the Fighting Strength

Showing the organization, functions, and responsibilities of the medical services of an infantry division in bivouac and combat situations—Emphasizing that the primary purpose of division medicine is to conserve the fighting strength (25 min—1952—Film Reference).

8–1765 Medical Service of the Airborne Division—To Conserve the Fighting Strength

Showing the organization, planning, training, and operation of medical units attached to an airborne division—Difference between airborne and infantry medical services (28 min—1952—Film Reference).

8–1786 Human Reproduction

Using models and animated drawings to explain the story of human reproduction—Anatomy and physiology of male and female reproductive organs—Fertilization—Development of human embryo—Processes of normal human birth (22 min—1953—Film Reference—Commercial Adaptation).

8–1816 Purification of Water

Types and dangers of untreated water—Unit and individual techniques for water purification in the field—Application of chemical treatment, filtering, and boiling (20 min—1955).

TF No.

8–1841 Hospital Food Service Personnel Training—Part I: Introduction

Showing the departments, equipment, menu, planning, and food preparation procedures typical of hospital food service—Emphasizing proper food handling and preparation, and the importance of cleanliness and timeliness (16 min—1953—Film Reference).

8–1944 The Hospital Ward Team

Composition, contributions, and responsibilities of hospital ward team—Emphasis on role of the medical technician, a key member of the team (23 min—1955—Film Reference).

8–2080 Plaster Casts

Duties of plaster technician—Plaster room and equipment—Technician assisting surgeon to apply casts (38 min—1948—Film Reference).

8–2083 Swinging Into Step

Rehabilitation and morale—Teaching amputees to return to normal living (33 min—1945—Film Reference).

8–2090 Ward Care of Psychotic Patients

Duties and methods used by ward attendants in caring for psychotic patients in closed wards (41 min—1945—Film Reference).

8–2093 Strictly Personal (WAC)

Factors in molding a better figure—General grooming—Use of cosmetics—Functioning of female body (36 min—1945—Film Reference).

8–2125 It's Up to You

Three typical adjustment cases to military life—Common problems of fear, anxiety, anger, and insecurity—Positive approaches of handling such problems result in easier and better adjustment—Emphasis on understanding of inner feelings as key to adjustment (32 min—1955—Film Reference).

8–2198 Resuscitative Care of the Severely Wounded

Arresting hemorrhage—Splinting fractures—Plasma infusion—Alleviation of pain and anxiety—Pre-operative, surgical, and post-operative care (24 min—1957—Color—Film Reference).

8–2292 First Aid—Part I—Major Wounds and Fractures

Treatment for wounds of the chest, belly, head, and face—Fractures of jaw, leg, elbow, arm, ribs, neck, and back (33 min—1957—Color—Film Reference—Replaces TF 8–1571 previously declared obsolete).

8–2293 First Aid—Part II—Everyday Emergencies

Treatment for snake bite, poisoning, foreign object in eye, ear, and nose, choking, splints, faintness, artificial respiration, electric shock (29 min—1956—Film Reference—Replaces TB 8–1581 which is obsolete).

8–2295 Mess Sanitation

Mess sanitation principles in storing foods, preparing meals, serving meals, care of leftovers, garbage disposal, and care of flies (25 min—1956—Distribution to army film and equipment exchanges in CONUS and Overseas for loan to interested units).

TF No.

8–2383 Operating Room Procedures

Duties of the circulating, instrument, and suture technicians—Packing articles required for operation—Preparing required instruments—Proper sterilization procedures—Preparing and checking operating room equipment—Making sponge counts (21 min—1957—Color—Distribution primarily to Central Film and Equipment Exchanges and Film and Equipment Exchanges at Army Hospitals—From Air Force Film TF 1–8149).

8–2471 Basic Care of Patients—Part I—Cleaning the Patients Unit and Making an Unoccupied Bed

Stripping bed of soiled linen—Cleaning bed, chair, and bedside cabinet—Making bed with clean linen—Final straightening of the unit (15 min—1957—Film Reference).

8–2472 Basic Care of Patients—Part II—The Bed Bath

Preparation for bath—Equipment, technique, and sequence used by Corpsman—Stress on psychological and physical value of bath for patient's recovery (17 min—1957—Film Reference).

8–2473 Basic Care of Patients—Part III—Making an Occupied Bed

Positioning the patient—Sequence and technique for removing foundation linen, draw sheets, top sheets, and pillow cases—Replacing them with clean counterparts (17 min—1957—Film Reference).

8–2474 Basic Care of Patients—Part IV—Physical Comforts

Mouth care of conscious and unconscious patients—Changing position of patient in bed—Use of helpful appliances (11 min—1957—Film Reference).

8–2475 Basic Care of Patients—Part V—Feeding the Patient

How Corpsman prepares patient for meals, serves trays, assists semi-helpless and postoperative patients, and feeds helpless patients (8 min—1957—Film Reference).

8–2476 Basic Care of Patients—Part VI—The Enema

Proper way to administer cleansing enema—Preparation of equipment and solution—Preparation of patient—Administering the enema—After-care of patient and equipment—Observation of results (10 min—1957—Film Reference).

8–2477 Basic Care of Patients—Part VII—Sterile Technique

Sterilizing equipment using moist heat, dry heat, and chemicals—Handling sterile equipment—Care of equipment when not in use—Keeping area being treated sterile (13 min—1957—Film Reference).

8–2478 Basic Care of Patients—Part VIII—Preoperative Care

Mental and physical care given the patient before surgery—Duties of each member of the medical team—Stress on allaying patient's fears (9 min—1957—Film Reference).

8–2479 Basic Care of Patients—Part IX—Postoperative Care

Preparation of bed and unit—Transfer of unconscious patient to his bed—Care during unconscious state and as he regains consciousness (12 min—1957—Film Reference).

TF No.

8–2524 Prevention of Cold Injuries

Defines nature and symptoms of cold injuries in combat covering dry and wet cold—Basic rules for prevention of cold injuries in the field are demonstrated (20 min—1958—Film Reference—Replacers FB 8–180 and TF 8–1690 which are obsolete).

8–2539 Control of Hemorrhage

External and internal arterial and venous bleeding—Hemorrhage in specific areas of the body—Various types of hemorrhage and methods of control—When tourniquet should be used—Proper application of various types of tourniquets and safety measures to be observed (20 min—1958—Color—Film Reference).

8–2579 Dental Health

Causes, symptoms, and effects of unhealthy teeth—Pitfalls of improper diet and neglect—Type of tooth and gum infections—Proper diet and good oral hygiene is stressed (17 min—1958—Replaces TF 8–2096 which is obsolete).

9–171 Engine of the Diesel Tractractor

Disassembly—Order in which parts are removed—Cleaning and oiling parts—Procedure for replacement (20 min—1941—Film Reference).

9–960 Gun, Automatic, 40-mm M1—Principles of Operation

Vital parts of gun and functioning processes—Recoil, recuperator, breech mechanism, and buffer—Loading, firing, and recoil—Difference between single loading and automatic loading of ammunition (25 min—1943—Film Reference).

9–970 Care and Maintenance of Pneumatic Tires—Part I: Tire Designs and Functions

Construction of pneumatic tires and tubes—Rim types and maintenance precaution (11 min—1943—Film Reference—Commercial Adaptation).

9–971 Care and Maintenance of Pneumatic Tires—Part II: Preventive Maintenance

Preventive measures—Daily routine to avoid common causes of tire failures (15 min—1943—Film Reference—Commercial Adaptation).

9–972 Care and Maintenance of Pneumatic Tires—Part III: Removing and Replacing Wheels

Preventive maintenance—Step-by-step procedure in removing and replacing wheels (9 min—1943—Film Reference—Commercial Adaptation).

9–973 Care and Maintenance of Pneumatic Tires—Part IV: Mounting and Dismounting Tires with Full Drop Center Rims.

Complete mounting and dismounting procedures when using full drop center rims (14 min—1943—Film Reference—Commercial Adaptation).

TF No.

9–974 Care and Maintenance of Pneumatic Tires—Part V: Mounting and Dismounting Tires with Semidrop Center and Flat Base Rims

Proper method for replacing tires and tubes on wheels with semidrop center and flat base rims (18 min—1943—Film Reference—Commercial Adaptation).

9–975 Care and Maintenance of Pneumatic Tires—Part VI: Tire Repairs

Method of repairing tubes and tires—Periodic checks and repairs (12 min—1943—Film Reference—Commercial Adaptation).

9–976 Care and Maintenance of Pneumatic Tires—Part VII: Mounting and Dismounting Combat Tires

Design, construction, and use of combat tires—Procedure for mounting and dismounting—Use and care of tools (20 min—1943—Film Reference—Commercial Adaptation).

9–1122 Military Optical Instruments—Part III: Observation and Measuring Instruments

Field glasses—BC telescope—Aiming circle—Rangefinder—Height finder (14 min—1943—Film Reference).

9–1124 Howitzer, Pack, 75-mm, M1A1, and Carriages M1 and M8—Principles of Operation

Delivery of weapons by parachute—Assembling howitzer—Identification and description of major components—Functioning of various parts—Working model demonstrated (24 min—1944—Film Reference).

9–1126 The Half Track Vehicle—Part I: Care and Maintenance of Endless Band Tracks and Bogie Wheels

Nature, use, and advantages of half track vehicle for off-the-road transportation—Function of parts—Importance of proper adjustments, cleaning, and lubrication—Method of checking tension—Adjusting track—Bending track guides—Realigning rear idler—Replacing studs—Use of tools (29 min—1943—Film Reference).

9–1127 The Half Track Vehicle—Part III: Removal and Installation of Bogie Wheels

Procedure and precautions in removal and replacement of outer and inner wheels in bogie assembly—Replacing bogie wheel with track (13 min—1943—Film Reference).

9–1167 Military Optical Instruments—Part I: Optical Principles

Principles of lenses, prisms, and mirrors—Explanation of reflection, refraction, total reflection, and inversion of images by convex lenses (10 min—1943—Film Reference).

9–1168 Military Optical Instruments—Part II: Sighting Instruments

Optical systems in typical sighting instruments—Straight tube telescopes, periscopes, and panoramic telescopes (13 min—1943—Film Reference).

9–1172 US Rifle, Cal .30, M1—Principles of Operation

Functioning principle of rifle—Operation (15 min—1943—Film Reference).

TF No.

9–1205 Rifle, Automatic, Cal .30, Browning M1918A2—Principles of Operation

Rearward movement of recoiling parts—Action of gases—Action of hammer—Unlocking—Extraction—Ejection—Buffer—Actuator functions—Processes of feeding, locking, and firing in forward movement of recoiling parts—Function of trigger mechanism in normal and slow fire (16 min—1943—Film Reference).

9–1213 The Synchromesh Transmission—Principles of Operation

Operating principles of synchromesh transmission developed for M4 tank and other army vehicles—Function of sliding gear clutch—Description of synchromesh device (25 min—1943—Film Reference).

9–1218 The Oil Filter Goes to War

Construction, functioning, and servicing of oil filters used on military vehicles (26 min—1943—Film Reference).

9–1245 Vacuum Power Brakes—Principles of Operation

Principles of vacuum power system—Conversion of engine vacuum power into mechanical power for brakes—Identification and operation of main parts (14 min—1943—Film Reference).

9–1246 Hydrovac Power Brakes—Principles of Operation

Action of check valve, power cylinder, control valve, and slave cylinder in operation of hydrovac brake system (9 min—1943—Film Reference).

9–1258 Lubrication of Military Vehicles—Part I: Principles of Lubrication

Functions of lubrication—Effects of friction—Need for constant lubrication—Oils appropriate to vehicle, temperature, and climatic conditions (25 min—1943—Film Reference—Commercial Adaptation).

9–1264 The Automotive Clutch—Principles of Operation

Clutch demonstrated on simple model which shows engine flywheel, drive shaft, and differential in their proper relationship (9 min—1944—Film Reference).

9–1268 The Bevel Gear Differential—Principles of Operation

Principles of operation of bevel gear differential shown by means of simple model built step-by-step (12 min—1944—Film Reference).

9–1269 The Automotive Transmission—Principles of Operation

Function of transmission to supply varying amounts of torque as required—Cutaway model reveals grouping of gears permitting selective control of amount of torque delivered to drive wheels (20 min—1944—Film Reference).

9–1282 Automotive Gears—Principles of Operation

Functions and purposes of basic types of gears—Ratio of gears (20 min—1944—Film Reference).

9–1283 Servicing the Zero-lash Hydraulic Valve Lifter

Principles of operation—Disassembly—Malfunctions—Cleaning—Assembly (26 min—1943—Film Reference).

9–1285 The Controlled Differential—Principles of Operation

Importance of controlled differential for steering—Operation (21 min—1944—Film Reference).

TF No.

9–1286 Elementary Principles of Torque

Basic principles of torque—Uses—Determination of amount—Multiplication by gears—Relation to vehicle (16 min—1944—Film Reference).

9–1298 Field Repair of Gun, 90-mm, M1, and Mount, Gun, Antiaircraft, 90-mm, M1A1—Part I

Procedure by ordnance contact party in correcting overrecoil of gun caused by dirt in recoil mechanism—Disassembly of throttling valve and counterrecoil valve assemblies (23 min—1944—Film Reference).

9–1299 Field Repair of Gun, 90-mm, M1, and Mount, Gun, Antiaircraft, 90-mm, M1A1—Part II

Typical repairs of 90-mm gun, M1A1—Contact parties—Field shop in operation (23 min—1944—Film Reference).

9–1300 Field Repair of Gun, Automatic, 40-mm, M1 and Carriage, Gun, 40-mm, M2, Antiaircraft

Typical repair of 40-mm gun—Contact parties—Field shop in operation (21 min—1944—Film Reference).

9–1318 Beware—Butterfly Bomb

Danger of butterfly bombs—Types of fuzes—How they function on impact, above ground, and up to ½-hour delay (29 min—1944—Film Reference—From Navy Film BC 602).

9–1328 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW-353—Part I: First Echelon Maintenance

First echelon repair and preventive maintenance—Maintenance peculiar to water operation (26 min—1944—Film Reference).

9–1329 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353—Part II: Second Echelon Maintenance

Step-by-step second echelon maintenance—Use of gray insulating enamel on electrical terminals on wheels and brakes—Variations in routine operations—Road and water tests (23 min—1944—Film Reference).

9–1356 The 90-mm Gun, M1A1, Principles of Operation—Part I

Functioning of breech and firing mechanism—Use in field against aircraft and tanks—Firing cycle (29 min—1944—Film Reference).

9–1357 The 90-mm Gun, M1A1, Principles of Operation—Part II: Recoil Mechanism

Purpose of weapon—Demonstration of recoil mechanism—Counterrecoil buffer (21 min—1944—Film Reference).

9–1358 Packaging of Materiel for Oversea Shipment—Part I: Cleaning, Preserving, and Wrapping

Principles of cleaning, preserving, and packaging materiel for oversea shipment (30 min—1944—Film Reference).

9–1359 Preparation of Materiel for Oversea Shipment—Part II: Packing and Boxing

Principles of packing materiel for export shipment—Packing interior containers—Making waterproof liners—Construction of boxes (29 min—1944).

TF No.

9–1367 Gun, 120-mm, Antiaircraft M1, Principles of Operation—Part I: Section I: Functions and Operations—Section II: The Percussion Mechanism

Setting up gun—Functioning of parts—Operation of gun (30 min—1944—Film Reference).

9–1368 Gun, 120-mm, Antiaircraft M1, Principles of Operation—Part II: Operation of the M9 Power Rammer

Basic nomenclature, functioning, and operation of power rammer (10 min—1944—Film Reference).

9–1371 Internal Combustion Engine—Principles of Operation

Basic operating principles of four cycle internal combustion engine—Function of crankshaft—Valve operating mechanism for overhead valve arrangement—Power overlap on engine models (13 min—1944—Film Reference).

9–1374 Preparation of Materiel for Oversea Shipment—Part III: Crating

Crating materiel for export—Step-by-step demonstration—Method II pack (31 min—1944).

9–1376 The Oil Gear Hydraulic Traversing Mechanism—Principles of Operation

Basic operation—Functioning of oil through elevated mechanism (21 min—1944).

9–1427 Torque Converter—Principles of Operation

Principles of torque converter—Parts and operation of converter—Dual function of torque converter as clutch and transmission (20 min—1945).

9–1445 The M2 Carbine—Principles of Operation

Principles of semiautomatic fire—Modification for automatic fire (15 min—1945—Film Reference).

9–1447 Fuel Pump—Principles of Operation

Purpose of fuel pump—Operational theory—Mechanical functioning—Emergency mechanical device (12 min—1945).

9–1448 Fundamentals of Small Arms Weapons—Part I: The Cycle of Operation

Components of small arms ammunition—Similarity of function and ammunition of small arms—Eight steps of cycle operations—Chambering, locking, firing, unlocking, extracting, ejecting, cocking and feeding (19 min—1945).

9–1449 Fundamentals of Small Arms Weapons—Part II: Principles of Automatic Operation

Types of small arms operations other than manual—Gas operating BAR and M1 rifles—Blowback used with low-pressure cartridges in M3 submachine guns with no positive lock—Recoil, used on pistols, and machine guns (13 min—1946—Film Reference).

9–1450 Fundamentals of Small Arms Weapons—Part III: Semiautomatic and Automatic Fire

Firing mechanisms—Two firing methods—Automatic—Semiautomatic (10 min—1945).

TF No.

9-1469 Field Evaluation of Erosion in Cannon Bores

Phases of erosion—Erosion checks—Measuring bore erosions—Determining condemnation limits for various weapons (11 min—1948—Film Reference).

9-1472 Fundamental Principles of Fuzes

Detonation of various types of bombs, rockets, shells, and mines—Mechanical means of timing and delaying explosions (23 min—1948—Film Reference).

9-1512 Fundamentals of Ballistics

Interior ballistics—Type, and characteristics of various powder grains—Exterior ballistics—Effects of resistance and gravity—Trajectory—Methods to overcome problems involved—Terminal ballistics—Types of fuzes and explosives—Types of projectiles, including penetration, blast, and fragmentation (19 min—1949—Film Reference).

9-1513 Spot Check Inspection of Motor Vehicles

Ordnance inspection teams spot checking company motor pool (17 min—1948—Film Reference).

9-1531 Automotive Electricity for Military Vehicles—Part VI: Principles of Operation of the Automotive Magneto

General function of automotive magneto—Advantages of magneto ignition over battery ignition—Essential fundamentals—Two- and four-pole magnetos (14 min—1949—Film Reference).

9-1559 Automotive Electricity for Military Vehicles—Part V: Principles of Operation of the Generator Regulator

Importance and function of generator regulator—Generator's two types of electromagnetic switches used to illustrate a simple circuit as a basis for studying units of regulator—Three main generator units—Operation of units in a motor vehicle with aid of meters connected to units (12 min—1949—Film Reference).

9-1652 Guided Missiles—Theory of Operation

Operation—Four component parts of guided missiles (16 min—1950).

9-1655 Establishment of a Field Ammunition Supply Point

Choosing site for field ammunition supply point—Rolling ammunition supply points used in fluid tactical situation (27 min—1950).

9-1778 Basic Blacksmith Operations

This film teaches basic metalworking operations, emphasizing the use of tools and equipment to handle the job of keeping military equipment in operating condition—The advantages and use of the side-banked fire, plain-open fire and deep-hollow fire are also discussed (26 min—1952—Film Reference).

9-1805 Before, During, and After Operation Maintenance, Medium Tank

Demonstrating the maintenance responsibilities of the tank commander and crew for these machines of speed, mobility, and firepower (31 min—1953—Film Reference).

TF No.

9–1810 Explosive Ordnance Disposal—Access and Recovery

Approved procedures and materials employed to locate and dispose of unexploded missiles—Shaft digging and timbering operations with standard template, sheathing, waling rings, studding, and wedges—Deactivating and removing fuze from shaft—Three rigging methods for hoisting bomb to surface: gin pole, shear legs, and tripod (21 min—1953—Film Reference).

9–1843 The Antiaircraft Artillery Fire Control Problem

Analysis and application of spherical coordinate system and ballistic corrections to hit a moving target in the air—Balance of these two factors determines the final solution of the problem (23 min—1954—Film Reference).

9–1846 Antiaircraft Artillery Fire Control Systems—Part III—The M9 Type Director with SCR 584 Radar Set

Showing how the M9 director with SCR–584 solves the AAA fire control problem by using the linear speed method—Components of the M9 director—Characteristics and capabilities of the heavy AA systems (13 min—1955—Distribution in CONUS and Overseas—Film Reference).

9–1855 Planetary Gears, Principles of Operation—Part I: Single Sets

Defining the use and mechanical operation of the planetary gears used in armored vehicles—Analyzing the components and their relation to operation in neutral position, gear reduction, overdrive, reverse, and direct drive (18 min—1953—Film Reference).

9–1856 Planetary Gears, Principles of Operation—Part II: Multiple Sets

Demonstrating the principles governing the operation of multiple sets—Limitations of single planetary gears—Greater mobility and speed of multiple sets—Review of three laws of planet carriers (15 min—1953—Film Reference).

9–1859 Ammunition Supply Point (ASP) Operation

Operation of a typical ammunition supply point—Details of receipt and issue of ammunition—Details of issuing ammunition to using unit in field—Accountability—Reports, stock inventories, surveillance missions (25 min—1954—Film Reference).

9–1861 Browning Machine Gun Caliber .30—Principles of Operation

Purpose and function of two types of Browning machine gun caliber .30—Water-cooled M1917A1 and air-cooled models—Discussion of component parts of weapon—Explanation of eight steps in cycle of operation—Demonstration of weapon functioning in the field shows firepower capabilities and value to tactical unit (21 min—1954—Film Reference).

9–1869 Recoil Mechanisms, Principles of Operation, Hydrospring Type

Relationship between firepower and recoil mechanisms—Analysis of functions of recoil mechanism, hydrospring type—Explanation of how the hydrospring type performs these functions—Two variations of hydrospring mechanism are shown (separate cylinder and the concentric) (33 min—1954—Film Reference).

TF No.

9–1875 VT Fuzes—Field Artillery

Components, operational characteristics, and application of the two standard types of VT fuzes (M97 and M96) and CVT models (T227E2 and T226E2)—Methods of handling and firing—Advantages and limitations against various types of targets (25 min—1955—Film Reference).

9–1881 Explosive Ordnance Disposal—Range Clearance

Approved procedures and safety regulations for range clearance—Duties of explosive ordnance disposal (EOD) officer and enlisted personnel (17 min—1954—Film Reference).

9–1934 Methods of Solution of the Antiaircraft Artillery Fire Control Problem—Part II—Conversion between Spherical and Rectangular Coordinates

Mathematical equation for finding a predicted point in space—Conversion from spherical to rectangular coordinates and vice versa (24 min—1955—Distribution in CONUS and Overseas).

9–1935 Interchangeability Features of Heavy and Very Heavy Artillery

Conversion of 155-mm gun into 8-inch howitzer and 9-inch gun into 240-mm howitzer—Component parts, adjustments, possible field expedients, and precautionary measures in interchange process—How interchangeability features of major weapons in heavy and very heavy artillery are employed in the field (34 min—1954—Film Reference).

9–1948 Recoil Mechanisms, Principles of Operation, Hydropneumatic Type—Part I: Dependent System

Explanation and illustration of functioning and principles of operation of dependent type—Detailed demonstration of three phases of operation: recoil braking, counterrecoil, and buffing—Employed in field artillery (12 min—1954—Film Reference).

9–1949 Recoil Mechanisms, Principles of Operation, Hydropneumatic Type—Part II: Independent System

Brief review of functions and principles of operation of the dependent and independent systems—Discussion and illustration of operation of independent system, covering recoil-braking phase, counterrecoil phase, and buffing (16 min—1954—Film Reference).

9–1951 Methods of Solution to the Antiaircraft Artillery Fire Control Problem—Part I: The Linear Speed Method

Basic principles of linear speed method for solving AAA fire control problem to combat targets beyond 1,000 yards altitude (11 min—1954—Film Reference).

9–1952 Guided Missile Propellents—Basic Characteristics

Chemical and physical properties of guided missile propellents—How they function—Their hazardous nature—Safety precautions—Storage and handling techniques—Theory of propulsion—Safe use of fuels and oxidizers (25 min—1955—Color—Film Reference).

9–1953 The Fluid Coupling—Principles of Operation

Component parts, operation, and action of fluid coupling—Value to vehicle and driver (13 min—1954—Film Reference).

TF No.

9–1992 Hydraulic Controls in the Hydramatic Transmission

Basic shifting patterns of hydramatic transmission—Principles and applications of up-shifting and down-shifting (26 min—1955—Film Reference).

9–2007 Disposal of Unusable Ammunition and Explosives—Part I: General Principles and Disposal at Sea

Reason and methods for disposal of ammunition and explosives at sea (10 min—1943—Film Reference).

9–2026 Care and Use of Hand Tools—Part I: Wrenches

Advantages and uses of various wrenches—Dangerous and incorrect practices—Resultant damages (19 min—1943—Film Reference).

9–2027 Care and Use of Hand Tools—Part II: Pliers and Screw Drivers

Proper use of pliers and screw drivers—Safety precautions (14 min—1943—Film Reference).

9–2028 Care and Use of Hand Tools—Part III: Chisels

Types of cold chisels—Correct use—Techniques and safety precautions (12 min—1943—Film Reference).

9–2029 Care and Use of Hand Tools—Part IV: Hammers

Correct use and care of hammers—Ball, straight, cross peen, sledge, and claw hammers (11 min—1943—Film Reference).

9–2030 Care and Use of Hand Tools—Part V: Bars, Punches, and Drifts

Common misuse of bars, punches, and drifts—Specific purpose and correct use (14 min—1943—Film Reference).

9–2031 Care and Use of Hand Tools—Part VI: Hacksaws

Proper and improper use of hacksaw—Types of frames and uses (18 min—1943—Film References).

9–2045 Field Repair of Gun, 155-mm M1A1 and Carriage, Gun, 155-mm, M1

Repairs of 155-mm gun—Contact parties—Field shop in operation (31 min—1944—Film Reference).

9–2046 Field Repair of Howitzer, 105-mm, M2A1, and Carriage, Howitzer, 105-mm, M2

Repairs on 105-mm howitzer—Use of tools in field (25 min—1944—Film Reference).

9–2050 Howitzer, 105-mm, M2A1, and Carriage M2—Principles of Operation

Characteristics and adaptability of howitzer—Parts—Firing cycle (21 min—1944—Film Reference).

9–2052 Handling and Transporting Aerial Bombs—Part I: 100-, 250-, and 500-Pound Bombs

Approved method of loading—Finning and fuzing—Unloading and returning unused bombs from plane to revetment (35 min—1944—Film Reference).

9–2053 Handling and Transporting Aerial Bombs—Part II: 1,000-, 2,000-, and 4,000-Pound Bombs

Approved methods of loading and unloading—Use of bomb lift truck M22 for 4,000-pound bombs—Finning and fuzing (25 min—1944—Film Reference).

TF No.

9–2058 Fundamentals of Artillery Weapons—Part I: Types and Components of Cannon

Guns, howitzers, and mortars—Operating principles of percussion hammer, inertia, and continuous pull type firing mechanism (28 min—1944—Film Reference).

9–2059 Fundamentals of Artillery Weapons—Part II: Types and Components of Carriage

Fixed and mobile carriages—Railway, self-propelled, and towed mobile carriages—Fixed barbette and disappearing type carriages (22 min—1944—Film Reference).

9–2064 Air Brakes—Principles of Operation

Function of each unit in air brake system—Compressed air routes traces—Operation (25 min—1944—Film Reference).

9–2065 Hydraulic Brakes—Principles of Operation

Hydraulic principle—Advantages of liquid linkage—Development of mechanical advantage in hydraulic brake system—Operation (24 min—1944—Film Reference).

9–2066 Electric Brakes—Principles of Operation

Units of electric brake system—Function (13 min—1944—Film Reference).

9–2085 Shop Safety

Accidents—Causes—Safety rules for arc and gas welding—Hoisting methods—Working with machinery—Use of tools—Lifting and pushing heavy objects—Handling gasoline (28 min—1945—Film Reference).

9–2119 Explosive Ordnance Reconnaissance

Explosive Ordnance Reconnaissance procedures after air raids—Identifying and reporting incidents—Protective action to minimize hazards—Operations at CD Control Center (26 min—1957—Film Reference—Replaces TF 9–618, which is obsolete).

9–2120 Ammunition—Storage and Handling

Application of the igloo method—Handling ammunition manually and with warehouse equipment—Proper storage techniques—Safety precautions (31 min—1955—Film Reference).

9–2121 The Field Stock Control System

Basic principles and outstanding features of the new field stock control system—Merits over old system are underscored—First installed and operated in Korea in spring of 1951 (28 min—1955—Film Reference).

9–2122 Antiaircraft Artillery Fire Control Systems—Part I—Introduction to Antiaircraft Fire Control Systems

Operation of basic elements of the AAA fire control system, explaining how each element helps to solve the AAA fire control problem (6 min—1955—Film Reference).

TF No.

9–2123 Antiaircraft Artillery Fire Control Systems—Part II—The Skysweeper—Integrated Fire Control System T–38

General characteristics, advantages and limitations—Basic elements of the T–38 system—How each element operates: radar, periscope, computer, power control system, cable system, and target selector (21 min—1955—Film Reference).

9–2193 Automotive Trouble Shooting—Part IV—Sealed Electrical Systems

Techniques and test equipment used for pinpointing and correcting typical malfunctions in the 24-volt sealed electrical system used in army vehicles—Components of the system—Safety measures to prevent damage to test equipment, the system, and injury to the individual (28 min—1955—Film Reference).

9–2194 Automotive Trouble Shooting—Part II—Engine Tune-Up

Manifold vacuum and compression tests—Checks on battery and ignition cable, distribution and ignition timing, battery clearance, fuel system and carburetor (33 min—1956).

9–2195 Methods of Solution of the Antiaircraft Artillery Fire Control Problem—Part III—Similar Triangles

How the smaller triangle in the sighting device of the weapon is adjusted to be similar to the larger triangle to determine the predicted position of the target (14 min—1955—Distribution in CONUS and Overseas—Film Reference).

9–2199 Antiaircraft Artillery Fire Control Systems—Part IV—The Integrated Fire Control System M33

Explains how the M33 solves the AAA fire control problem by three methods (linear speed, tangential and quadratic)—Functions of primary components of the system—Characteristics, capabilities, and limitations of the M33 system (18 min—1955—Distribution in CONUS and Overseas—Film Reference).

9–2218 Recovery Equipment—Part I—M62 Medium Wrecker, Operation of Powered Equipment Controls

Procedures for setting and operating the boom, front winch and rear winch (14 min—1956).

9–2219 Recovery Equipment—Part II—M74 Medium Recovery Vehicle, Operation of Powered Equipment Controls

Setting and operation of controls of spade, auxiliary winch, tow winch, "A" frame type boom, and boom winch as applied to typical recovery situation (16 min—1956—Film Reference).

9–2222 Guided Missile Propellants—Fire Hazards and Extinguishment

Elements and fire hazards of oxidizers and fuels—First aid firefighting methods—Methods of fighting large fires with fire trucks and installed equipment (21 min—1957—Color—Film Reference).

9–2240 Supercharging and Fuel Injection

Defines purpose, components, operation, and effects of supercharging and fuel injection systems used in army vehicles to increase engine horsepower (21 min—1956—Film Reference).

TF No.

9–2253 Carburetor—Principles of Operation

How air-fuel mixture is supplied to engine—Functioning of components—How air pressure differential is utilized—Application of Venturi principle—operation of circuits (25 min—1956—Film Reference).

9–2254 Hydraulic Steering—Principles of Operation

Functioning of major components—Principles of pressure differential, ability of system to resist road shock, and kickback of steering wheel (14 min—1956—Film Reference).

9–2300 NIKE I Missile Test Equipment, Preliminary Operations (U)

(8 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2320 Missile ORD–6 Test Equipment, Position 2 (Part A), Signal Data Converter Tests (U)

(4 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2321 Missile ORD–6 Test Equipment, Position 2 (Part B), Signal Data Converter Tests (U)

(6 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2322 Missile ORD–6 Test Equipment, Position 1, Guidance Section Tests, Position 2, Part A, Amplifier-Decoder Radar Modulator Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2323 Missile ORD–6 Test Equipment, Position 2, Part B, Amplifier-Decoder and Radar Modulator Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2324 Missile ORD–6 Test Equipment, Position 3 (Part A), Power Unit and Control Amplifier Tests (U)

(6 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2325 Missile ORD–6 Test Equipment, Position 3 (Part B), Power Unit and Control Amplifier Tests (U)

(5 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

9–2326 Missile ORD–6 Test Equipment, Position 3 (Part C), Power Unit and Control Amplifier Tests (U)

(4 min—1957—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

TF No.

9–2329 Automotive Electricity for Military Vehicles—Part I—Principles of Automotive Electrical Circuits

Accessory, starting motor, ignition, and generator-charging circuits—Comparison of two-wire and single-wire electrical systems—Characteristics of open, ground, and short circuits (15 min—1957—Film Reference—Replaces TF 9–2076 which is obsolete).

9–2330 Automotive Electricity for Military Vehicles—Part II—Principles of Operation of the Generator

Design and operation of automotive generator—How it converts mechanical energy into electrical energy—Relationship between electricity and magnetism (13 min—1957—Film Reference—Replaces TF 9–2077 which is obsolete).

9–2331 Automotive Electricity for Military Vehicles—Part III—Principles of the Starting Motor

Electrical and magnetic principles involved in the operation of the starting motor—How electrical energy is converted to mechanical energy (12 min—1957—Film Reference—Replaces TF 9–2078, which is obsolete).

9–2332 Automotive Electricity for Military Vehicles—Part IV—The Ignition Circuit

Function, major components, and operation—Course of electrical current traced through components of ignition system—Relation of primary circuit, secondary circuit, and magnetic field to voltage intensity (11 min—1957—Film Reference—Replaces TF 9–2079, which is obsolete).

9–2380 Automotive Trouble Shooting—Part III—The Fuel System

Function, major components, and operation—Causes and symptoms of system failure—Procedures for determining and correcting malfunctions (20 min—1957—Film Reference—Replaces TF 10–377, which is obsolete).

9–2500 Automotive Trouble Shooting—Part XI—Springs and Shock Absorbers

Features and operations of springs and shock absorbers in Trucks M–38 and M–135—Causes and effects of malfunctions—Detecting and correcting malfunctions (19 min—1957—Film Reference—Replaces TF 10–593 which is obsolete).

9–2507 Transportation of Ammunition—Part I—By Motor Vehicle

Inspection, certification, and placarding of vehicles; loading and securing various types of ammunition—Stress on lot integrity and compatibility (21 min—1957—Film Reference).

9–2508 Transportation of Ammunition—Part II—By Rail

Inspection, certification, and placarding of cars; loading and securing various types of ammunition—Stress on lot integrity and compatibility (13 min—1957—Film Reference).

9–2510 Fundamentals of Ammunition Renovation

Preparation and paper work—Organization of site—Safety measures—Methods used with 105-mm, 90-mm, and 155-mm ammunition,

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bazooka rockets, hand grenades, and mines (32 min—1957—Film Reference).

9–2532 Field Artillery Recoil Mechanisms—Part II—Direct Method of Checking Nitrogen Pressure

Procedure for checking and correcting the nitrogen pressure in recoil mechanism by the direct method to 105-mm Howitzer—Covers: preparing the weapon, proper use of tools and test equipment, and safety practices (29 min—1957—Film Reference).

9–2533 Front Band Adjustment of Hydramatic Transmission 302M

Procedures for diagnosing and correcting a malfunctioning hydramatic transmission due to a worn or improperly adjusted front band—Teaching points include: transmission oil pressure test, idle speed check, stall speed test, and front band adjustment (7 min—1958—Film Reference).

9–2534 Fuel Pump, Carter Electric, Characteristics and Checks, GMC M135 Truck

Location, characteristics, and components of pump are reviewed—Use of vacuum pressure gage is demonstrated—Checking the electric circuits with low voltage circuit tester (5 min—1958—Film Reference).

9–2535 Operation of Winch, M135 Truck

Operation for both self recovery and recovery of another vehicle from mired position—Preoperative adjustments, powering procedures, and correct use of winch are demonstrated (6 min—1958—Film Reference).

9–2536 Idle Mixture and Idle Speed Adjustment of Holley Carburetor 885 FFG

Procedure for adjusting the idle speed and mixture with stress placed on use and installation of electric tachometer and vacuum gauge (5 min—1957—Film Reference).

9–2537 Ignition Timing—GMC Engine

Locating and checking timing marks—Positioning and adjusting distributor for correct timing—Proper use of power timing light—Road test to check ignition timing adjustment (5 min—1957—Film Reference).

9–2541 Preparation of Vehicles for Deep Water Fording—Part I—Wheel Vehicles

Application of pressurized and non-pressurized fording systems—Preliminary preparation of vehicle, installation of fording equipment, sealing and venting units—Precautions (24 min—1957—Film Reference).

9–2542 Preparation of Vehicles for Deep Water Fording—Part II—Track Vehicles

Components of fording kit—Installation of fording equipment and sealing and venting of units on the interior and exterior of a tank with 90-mm gun (32 min—1957—Film Reference).

9–2543 Field Artillery Recoil Mechanisms—Part I—Indirect Method or Checking Nitrogen Pressure

Procedure for checking and the conditions that require the Indirect Method in preference to the Direct Method are reviewed—Demon-

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stration of tests as performed on 105-mm Howitzer (24 min—1958—Film Reference—Replaces TF 9–1316 which is obsolete).

9–2549 Cold Weather Operation—Automotive Winterization Equipment

Describes purpose, equipment, and procedures—Use and components of Arctic winterization and M40 Slave Kits—Winterizing a truck—Preventive maintenance before vehicle moves out—Steps in dewinterizing (38 min—1958).

9–2572 Transportation of Ammunition—Part IV—By Aircraft

Loading boxed small arms ammunition, blasting caps and explosives, palletized 155-mm HE projectiles, and crated 762-mm rocket motor in C–124—Loading ammunition in helicopter—Unloading and inspecting for damage—Safety precautions (16 min—1958—Film Reference).

9–2583 Lubrication of Military Vehicles

Lubrication procedures, lubricants, and tools used for daily, weekly, monthly, semi-annual, and annual inspections required for proper maintenance of vehicles—Need for lubricating vehicles after washing or fording (21 min—1958—Replaces TF 9–1417 previously declared obsolete in MFIB No. 73).

9–2603 Automotive Trouble Shooting—Part XIX—Air Hydraulic Brake System, Principles of Operation

Location, construction, function, and operation of each component—Operation of entire system, showing complete brake application and partial braking—Advantages of air-hydraulic brake system (17 min—1958—Film Reference).

10–291 Automotive Trouble Shooting—Part I: Functions of the Fuel and Ignition Units

Demonstration of Chevrolet motor—Principles of gasoline engine and related parts (14 min—1942—Film Reference).

10–300 Automotive Trouble Shooting—Part XV: The Clutch

Purpose and function of clutch—Locating trouble—Repair—Operation of clutch in Chevrolet, General Motors, and Dodge trucks (21 min—1942—Film Reference).

10–395 Automotive Trouble Shooting—Part V: The Fuel System at Various Speeds

Checking all parts of fuel system—Recognizing trouble symptoms—Repair (16 min—1943—Film Reference).

10–396 Automotive Trouble Shooting—Part VI: The Ignition System at Various Speeds

Indications of ignition trouble—Systematic check of ignition system units at various speeds—Adjustments and checks (21 min—1942—Film Reference).

10–638 Automotive Trouble Shooting—Part XIV: Front End Alignment

Causes of improper wheel alignment—Checks of caster, camber, toe-in, and turning radius (18 min—1943—Film Reference).

10–929 Hand Measuring and Power Tools—Operation and Care of Portable and Bench Grinders

Maintenance work performed in field and shop (18 min—1942—Film Reference).

TF No.

10–930 Hand Measuring and Power Tools—Portable Electric Drills

Maintenance—Assembly—Disassembly—Uses of portable electric drill (19 min—1942—Film Reference).

10–932 Hand Measuring and Power Tools—Care and Use of Files

Functions of various types of files—Correct procedure—Principles of care and use (24 min—1942—Film Reference).

10–933 The Use and Abuses of Twist Drills

Correct use of twist drills—Use of cooling and lubricating oils—Speed—Feed with different materials (27 min—1942—Film Reference).

10–980 Automotive Trouble Shooting—Part XIc—Section II: Chevrolet 4 x 4 and GMC 6 x 6 Steering System Adjustments

Complete details of procedure—Adjusting trunnion bearings—Adjusting toe-ins with telescopic gage—Adjusting recirculating ball type steering gear—Aligning steering column jacket (16 min—1943—Film Reference).

10–1133 The Army Cook—Part I: Meat Cutting Tools and Equipment

Special handling instructions for each type of kitchen knife and saw—Safety precautions in use and in sharpening tools (20 min—1943—Film Reference).

10–1134 The Army Cook—Part II: Cutting a Hindquarter of Beef

Trimming, boning, and separating a hindquarter of beef—Bone structure of the quarter (14 min—1943—Film Reference).

10–1135 The Army Cook—Part III: Cutting a Forequarter of Beef

Obtaining cuts for steaks, roasts, and stews and using them to best advantage (17 min—1943—Film Reference).

10–1256 Training War Dogs—Basic Exercises

Exercising discipline—Control of emotions—Teaching dog to heel, sit, lie down, come to attention, hurdle a 3½-foot wall, and relax—Rewarding animal with praise (21 min—1943—Film Reference).

10–1473 Your Proudest Duty

Duties and responsibilities of military personnel selected as escorts for return of war dead (27 min—1947—Film Reference).

10–1479 New Mobile Bakery Equipment

Technical detailed operation of new mobile bakery—Comparison with older type field units—Advantages—Manpower economy—Time and temperature control—Automatic kneading of dough (23 min—1949—Film Reference).

10–1527 Central Meat Cutting Plants

Processing in meat plant by production-line methods—Planning, operation, and distribution (17 min—1950—Film Reference).

10–1530 Materials Handling Methods

Method of handling materials, particularly in large warehouses—Loading and unloading bulky equipment by fork-lifts, hand trucks, and dollies (22 min—1949—Film Reference).

TF No.

10–1583 Consolidated Messing Operations

Operation of a consolidated mess—Managing personnel—Assigning jobs—Planning and cooking meals (14 min—1949—Film Reference).

10–1611 Depot Organization and Operations

Function and mission of the army depot—General depot—Branch depot—Organization of a typical depot and depot operations—Tracing a routine requisition for supplies through depot offices (11 min—1950—Film References).

10–1614 Quartermaster Reclamation and Maintenance Company, Semi-mobile

Field reclamation of clothing and equipment—Post battle salvage—Operation of shoe, clothing and textile, and equipment repair sections (15 min—1950—Film Reference).

10–1640 Handling of Fresh Fruits and Vegetables

Major characteristics, varieties, and defects of fresh fruits and vegetables—Precautions in handling and storage (38 min—1950—Color—Film Reference).

10–1654 Ration Breakdown

Ration servicing in the field from a divisional class I supply point—Essential factors for first rate ration service (10 min—1950—Film Reference).

10–1742 Petroleum Supply Point Operations

Operations quartermaster petroleum supply units—Methods, procedures, and mechanics of cleaning, dispensing, and storing equipment—Supply replacements—Stock maintenance—All-terrain conditions—Flexible hose-header—Safety precautions—Fire hazards (27 min—1952—Film Reference).

10–1836 Operation of the 97–10 Sewing Machine

Illustrating step-by-step operation of the 97–10 sewing machine, designed to sew heavy duck—Identification of component parts—Variation of stitch range to meet specifications of individual jobs (16 min—1953).

10–1870 The Preparation of Dehydrated Foods

Demonstration by armed forces cooks of correct methods of preparing a variety of dehydrated foods—Advantages to armed forces of use of dehydrated foods (32 min—1954—Color—Film Reference).

10–1911 Preparation of Foods—Part I—Basic White Sauce, Breaded and Ground Meats

Detailed demonstration showing how to prepare various sauces, breaded and ground meats, using standard field equipment and following prescribed army recipes (17 min—1954—Film Reference).

10–1932 Operation of the 50-Gallon-per-Minute Petroleum Dispenser

Designed to transfer petroleum products to 50-gallon drums, and for bulk transfers of fuel in emergencies—Two models of 50-gpm type are shown—Construction and essential parts are discussed and differences noted—Complete operational cycle illustrated (21 min—1954—Film Reference).

TF No.

10–1933 Operation of the 225-Gallon-per-Minute Petroleum Dispenser

Application, maintenance, transportation, storage, and safety procedures of 225-gpm dispenser—Complete operational cycle illustrated (23 min—1954—Film Reference).

10–1960 M–1937 Field Range Fire Unit—Part I—Principles of Operation—Part II—Maintenance

Function, component parts, and operation—Inspections and servicing—Disassembly, cleaning, and reassembly of the unit (36 min—1955—Film Reference).

10–2087 Truck Operation in the Combat Zone

Five essential rules for driving in combat zone—Know your destination—Condition your truck—Keep distance from friends—Keep distance from enemies—Watch road and guard it (12 min—1945—Film Reference).

10–2095 Operator's Care and Maintenance of Materials-Handling Equipment

Importance of care and maintenance of equipment—Driver's responsibilities in operation of fork-lift trucks and tractors (Clark, Mobilift, Towmotor) (17 min—1945—Film Reference).

10–2208 Operation of the Mobile Petroleum Laboratory

Preparations for operation—Major compartments, units, and test equipment of laboratory trailer—Tests conducted to determine quality—Move to a forward supply area—Packing and storing equipment for transit (23 min—1955—Distribution in CONUS and Overseas—Film Reference.)

10–2242 Mess Personnel—Profit and Loss in the Kitchen

Desirable techniques of controlling waste—Proper operating procedures—Inspection of supplies—Storage methods—Operation of equipment—Prescribed cooking practices—Proper serving of food—Salvage control—Vermin and rodent control (18 min—1956—Color—Film Reference).

10–2243 Mess Management—Conservation Control in the Management of a Mess

Functions of mess management in relation to prevention of waste—Personnel training and attitude, duties of mess officer, food advisor and unit commanders (14 min—1956—Film Reference).

10–2244 Food Conservation—The Dollars and Sense of Good Eating

Economic merits of taking just enough food for individual capacity—Conscious avoidance of waste to allow for menu extras (9 min—1956—Film Reference).

10–2283 Hand Dishwashing and General Scullery Practice

Scrape and sort dishes—Scrub in warm detergent water solution—Rinse and sanitize in hot water—Stow—Clean scullery completely—Importance to military health (11 min—1955—Distribution to film exchanges in CONUS servicing Food Service Schools).

10–2284 Machine Dishwashing, Single Tank

Scrape, sort, preflush, and rackd ishes—Check and operate machine—Stow dishes correctly—Clean machine completely (12 min—1955—

TF No.

Distribution to film exchanges in CONUS servicing Food Service Schools).

10-2285 Machine Dishwashing, Double Tank

Scrape, sort, preflush and rack dishes—Pre-operation check of machine—Operate machine—Stow dishes—Clean machine completely (11 min—1955—Distribution to film exchanges in CONUS servicing Food Service Schools).

10-2426 Fitting Army Uniforms and Footwear—Fitting of the Army Green Uniform

Technique of fitting each garment of Army Green Uniform to conform to "approved concept of fit"—Authorized alterations (35 min—1957—Film Reference).

10-2428 Fitting Army Uniforms and Footwear—Fitting General Duty Uniforms

Fitting shirts, jacket, trousers, shorts, and caps of general duty wool uniform, summer khaki uniform, summer short uniform, and utility uniform (38 min—1957—Film Reference).

10-2430 Fitting Army Uniforms and Footwear—Fitting of Footwear

Try-on procedure for fitting low quarter shoes, rubber insulated combat boots, and mukluks—Ordering special instrument or orthopedic shoes (20 min—1957—Film Reference).

10-2454 Unit Messing in the Field—Part II—Field Operation

Steps to establish field kitchen facilities under combat conditions—Cooking and serving methods—Proper sanitation—Night discipline (14 min—1957—Film Reference).

10-2455 Emergency Use of the Parachute

Care, wearing, and activation of Army free-back and free-chest emergency parachutes—Jumping from fixed-wing plane—Landing and recovery of parachute (17 min—1957—Film Reference).

10-2595 Maintenance of a Petroleum Distribution System

Procedures employed in the distribution of petroleum as it moves from tanker, to dock, to base tank farm, pipelines and pump station, storage facilities, and to railway tank cars and military trucks—Safety measures (44 min—1958—Film Reference).

11-257 Care and Maintenance of Tapered Roller Bearings

Adjustment of tapered roller bearings—Disassembly, cleaning, inspection, lubrication, and reassembly (31 min—1941—Film Reference).

11-298 The Mitchell Camera

Parts and operation of 35-mm professional motion picture camera—Motor—Lenses—Magazines—Tripods (17 min—1942—Film Reference).

11-590 Climbing and Working on Poles

Use of lineman's equipment TE-21 in construction and repair—Testing by pike pole and inspector's probe—Use of climbers and safety belt—Care of equipment (15 min—1942—Film Reference).

TF No.

11–622 Electricity and Magnetism—Part I: Elements of Electricity

Breakdown of molecule into atoms—Relation of proton and electron to electricity (14 min—1942—Film Reference).

11–951 Pole Line Construction—Part I: Erecting Telephone Poles

Procedure for mapping pole line route—Attaching cross arm—Digging holes—Erecting and facing poles—Tools used—Proper use and care of equipment (18 min—1943—Film Reference).

11–952 Pole Line Construction—Part II: Installation of Cross Arms

Cross arm characteristics—Attaching cross arm with pole on ground or in position—Multiple cross arms—Fixing transposition of brackets (9 min—1943—Film Reference).

11–968 Pole Line Construction—Part III: Installation of Special Cross Arms

Uses and manner of attaching buck and extension arms—The H fixture (13 min—1943—Film Reference).

11–1069 Pole Line Construction—Part IV: Fundamentals of Guying

Side, head, pole to stub, and two- or four-way storm guys to provide extra support for poles—Methods of installation—Operation of the guy rule (10 min—1943—Film Reference).

11–1070 Pole Line Construction—Part V: Installation of Anchors

Installing expanding plate, cone, and improvised log anchors for pole line support (9 min—1943—Film Reference).

11–1071 Pole Line Construction—Part VI: Installation of Guys

Eyebolt and wrap methods for installation of guys—Precautionary measures (10 min—1943—Film Reference).

11–1187 Electricity and Magnetism—Part III: Voltaic Cell, Dry Cell, and Storage Battery

Principles involved (18 min—1943—Film Reference).

11–1188 Frequency Meter SCR–211

Principles—Setting meter as standard for tuning radio receiver and transmitter to same frequency (18 min—1943—Film Reference).

11–1200 Electricity and Magnetism—Part II: Ohm's Law

Elements of electricity—Source, transmission, and use of electrical energy—Composition of matter—Ohm's Law—Purpose and use of related meters (19 min—1943—Film Reference).

11–1219 Electricity and Magnetism—Part IV: Charging Storage Batteries

Charging, care, and preparation of storage batteries—Constant voltage methods and modifications (16 min—1943—Film Reference).

11–1317 Installation of Field Cable

Description, use, and capacity of spiral-four cable—Ground surface installation—Above ground—*Plowing in* with cable plow LC–61 (20 min—1944—Film Reference).

11–1342 Tuning Transmitters—Part I: Setting Frequency

Basic principles of setting frequency on field radio transmitters—Zero beat methods—Three types of standards—Frequency meter, built-in calibrator, and net control station—Crystal controlled transmitters (16 min—1944—Film Reference).

TF No.

11–1384 Loading and Unloading Poles

Loading and unloading poles from flatcar or trailer—Safety precautions (21 min—1944—Film Reference).

11–1385 Technical Principles of Radar—Part I: Introduction

Basic theory—Nomenclature—Types—Detection-search aircraft warning, homing, and navigational aid—PPI—Solving problems with radar (22 min—1945—Film Reference).

11–1386 Technical Principles of Radar—Part II: Mechanics

Mechanical components producing electrical pulse that detects enemy targets (22 min—1945—Film Reference).

11–1387 Technical Principles of Radar—Part III: Indicators

Cathode-ray tubes—Type A and plan position indicator—Components of the scope—Formation of visible dot on fluorescent screen—Base line—Pip (45 min—1946—Film Reference).

11–1397 Facsimile Equipment RC–120—Part I: Theory and Description

Transmitting and receiving facsimile copies of photographs, messages, diagrams, and maps (20 min—1944—Film Reference).

11–1398 Facsimile Equipment RC–120—Part II: Operation

Direct recording process—Advantages of facsimile process (23 min—1944—Film Reference).

11–1406 Erecting Large Poles

Three methods of erecting large poles with equipment normally issued to signal construction units—Blasting a hole into ground unsuitable for digging methods (26 min—1945—Film Reference).

11–1420 Radar Anti-Jamming For the Radar Operator—Part I—Receiver Adjustments (U)

(29 min—1945—Film is classified CONFIDENTIAL.)

11–1421 Radar Anti-Jamming for The Radar Operator—Part II—Recognition of Electronic Jamming (U)

(28 min—1945—Film is classified CONFIDENTIAL.)

11–1422 Radar Anti-Jamming for The Radar Operator—Part III—Window (U)

(32 min—1945—Film is classified CONFIDENTIAL.)

11–1425 Preventive Maintenance Practices for Ground Signal Equipment

Preventive maintenance at depots, in transport, and in use—FITCAL system of maintenance—Precautions against fungus growth, dust, heat, and humidity (19 min—1945—Film Reference).

11–1553 Basic Telephony

Operating principles—Schematic and wiring diagrams—Four circuits—Transmitter (primary), receiver (secondary), generator, and ringer (20 min—1949—Film Reference).

11–1555 Multiple Switchboards—Installation and Operation

Organization of typical field army—Telephones and switchboards used from forward observation posts to army headquarters—Advantages of multiple switchboards over interposition trunking of switch-

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boards—Operation—Tactical use, advantages and traffic capacity of common and local battery systems (24 min—1949—Film Reference).

11–1564 Field Wire Splices

Methods of splicing wire in the field—Standard field wire and T splices—Expedient splices for solid conductors—Bridge connectors—Types of knots—Seizing wire and insulation—Care in splicing (15 min—1950—Film Reference).

11–1567 Microwave Oscillators

Magnetron and klystron oscillators for radar system able to operate in microwave region—Theory of operation (18 min—1949—Film Reference).

11–1572 Film Tactics

Motion pictures as training aid—Preparation by instructor—Ventilation of classroom—Introductory remarks—Discussion after showing—Final examination (23 min—1949—Film Reference).

11–1574 The Technique of Good Projection

Selection and training of personnel for projection work—Projection of 16-mm film (36 min—1950—Film Reference).

11–1632 The Effects of the Ionosphere on Radio Wave Propagation

Theory of ionization—Relationship of ionosphere to radio wave propagation—Explanation of ionosphere—Effects on long range transmission of radio messages (30 min—1950—Film Reference).

11–1637 Field Wire Laying Equipment

Types of reel units designed for field conditions—RL–26–C mounted on 7½-ton 6 x 6 truck—RL–31 mounted on small vehicle or carried by two men—RL–27–B and CE–11—Other types of wire-laying equipment (20 min—1950—Film Reference).

11–1646 Maintenance of the Coaxial Line

Maintenance of transmission line essential to good radar performance—Types of transmission lines—Methods of replacing damaged sections (29 min—1951—Film Reference).

11–1666 Circuit Testing with Meters and Multimeters—Theory

Basic principles of meters and multimeters—Use of meters and multimeters in operation and maintenance of communications equipment—Building a meter—The ammeter, milliammeter, voltmeter, vacuum tube voltmeter, ohmmeter, tube tester, and wattmeter—General purpose multimeter—Importance of meter and multimeter in radio, telephone, and teletypewriter trouble shooting (35 min—1952—Film Reference).

11–1667 Circuit Testing with Meters and Multimeters—Practical Application

Indispensability of meters and multimeters in maintenance, operation, and repair of electronic equipment—Voltohmmeters, Wheatstone bridge, decibel meter, and tube tester—Step-by-step use of meters—Use in testing transformers, capacitors, resistors, telephone loop circuits—Necessity for technicians reading and keeping handy the operating manuals for this equipment—Safety practices—Handling meters with care in order to preserve accuracy (33 min—1952—Film Reference).

TF No.

11–1668 Circuit Testing—Signal Generators

Purpose of signal generators for testing, tuning, and aligning electronic equipment—Signal generator theory and practice—Operation of oscillating circuits—Theory and use of audio oscillators—Description and demonstration of various radio-frequency oscillators—Theory of modulation and its relation to signal generators—Use of complementary equipment—Processes of alignment and signal tracing—Safety precautions in handling the equipment (26 min—1952—Film Reference).

11–1694 Radio Operator Training—Technique of Hand Sending

Important parts of transmitter—Elements of Morse Code—Timing and parts of body that function when transmitting code (9 min—1951—Distribution limited to ZI—Film Reference).

11–1695 Radio Operator Training—Rhythm, Speed, and Accuracy in Hand Sending

Sequence in rhythm and timing—Comparison of sender ability by recording tape (11 min—1951—Distribution limited to ZI—Film Reference).

11–1733 Communication Center—Procedure for Corps and Lower Headquarters—Part I: Outgoing Messages

Proper procedure for handling outgoing messages—Handling of classified messages—Use of message center log—Procedure for transmitting relay messages (17 min—1951—Film Reference).

11–1734 Communication Center Procedures for Corps and Lower Headquarters

Describing briefly the operations of a communication center at corps lower level—Efficiency of message handling—Incoming message procedure—Personnel (7 min—1951—Film Reference).

11–1752 How to Operate the Army 16-mm Sound Projector Set

Operation of army 16-mm Sound Projector AN/PFP–1—Setting up and checking the equipment—Method and techniques of threading and operating—Steps in first echelon maintenance—Cleaning the film path—Emphasizing the aperture and pressure plates—Cleaning the projector lamp reflector and projector lamp reflector and projection lens—Replacement of lamps and fuses (31 min—1952—Film Reference).

11–1776 Operation and Maintenance of Communication Equipment in Extreme Cold

Extremes in weather challenge the efficiency of men and equipment—Intensive research evolved standard methods of winterizing communication equipment under subzero conditions—Effects of extreme cold on materials in equipment—Preventive measures for proper maintenance—Changes in operating techniques to forestall damage or destruction caused by frost, snow, and excessive cold (21 min—1952—Film Reference).

11–1779 AN/TRC—The Radio Relay Systems of Communications

Illustrating the use and integrated operation of the multichannel radio relay and carrier system, AN/TRC—How to install, align, and

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operate the complete network from switchboard to switchboard easily and swiftly (42 min—1952—Film Reference).

11–1793 Radio Sets AN/GRC–3, –4, –5, –6, –7, and –8

This film illustrates the characteristics, components, and mechanical operation of these building-block type sets, which can be made into many equipment combinations—They have simplicity, standardization, and range of employment among the various arms (15 min—1952—Film Reference).

11–1823 Erection of the AS–19/TRC–1 Antenna System

Explaining the proper technique of erecting the AS–19/TRC–1 antenna system used in VHF radio communications—Erection by as few as two men is possible if procedures are followed (14 min—1953—Film Reference).

11–1831 Tuned Circuits

Theories of electronics of tuned circuits—Three elementary types, resistive, capacitive, and inductive, ac and dc—Circuit combinations, series circuits, series resonant tuned circuits, and parallel resonant tuned circuits—Application of theories (28 min—1954).

11–1837 Line-up Procedure for Tactical Telegraph Carrier Equipment

How to set up tactical telegraph carrier equipment for two wire operations—Wiring operations—Adjusting ac and dc rectifiers—Setting up test units—Send and receive relay tests—Receiver current test—Local and distant station tests (7 min—1953—Film Reference).

11–1838 Line-up Procedure for Tactical Telephone Carrier Equipment

Techniques and procedures for lining up telephone carrier terminal (CF–1–A) and ringer equipment (Voice Frequency Ringer EE–101–A), and for wiring the circuit—Synchronization between east and west terminals and repeater station (11 min—1953—Film Reference).

11–1839 Line-up of Field Teletypewriter Set EE–98–A

Step-by-step procedure for lining up the field teletypewriter (EE–98–A) printer (TG–7B), typing unit, rectifier (RA–87), and line unit (BE–77)—Importance of local and long distance testing to insure efficient operation (8 min—1953—Film Reference).

11–1853 Operation of the Converter M–209 (U)

(31 min—1953—Film is classified CONFIDENTIAL.)

11–1882 Manual Teletypewriter Operation and Procedures—Part I—Teletypewriter Operation

How to operate the teletypewriter properly (9 min—1953—Film Reference).

11–1883 Manual Teletypewriter Operation and Procedures—Part II—Teletypewriter Procedure and Preparation of Message

The actual transmission of a message—Discussion of prosigns and operating signals—Line-by-line breakdown of message format and procedure—Establishing communication between one or more stations—Calling and answering in a loop-type net (16 min—1954—Film Reference).

TF No.

11–1884 Manual Teletypewriter Operation and Procedures—Part III—Single and Multiple Calls—Making Corrections and Repetitions

Explains mechanics of single and multiple calls—How to make corrections and repetitions on messages (8 min—1953—Film Reference).

11–1885 Manual Teletypewriter Operation and Procedures—Part IV—Maintenance and Summary

Precautions to keep machine breakdowns to a minimum—Recapitulation of key factors—Teletypewriter operations must be in accordance with prescribed procedures and regulations (11 min—1954—Film Reference).

11–1900 The Single Sideband Multichannel Radio System

Through this system great quantities of radio transmissions can be handled simultaneously—How system operates—Transmission and reception differences compared with standard broadcast station—Twin channel single sideband transmitter with built-in monitoring circuit for measuring distortion—Block diagram traces course of receiver and test equipment—Voice frequency terminals in operation—Theory of diversity tones developed on three-dimensional model (39 min—1954—Film Reference).

11–1959 Open Wire Transposition Systems

Types and construction of single-point transpositions—How they improve communications—Cause for *cross talk*—How it is remedied—Use of army simplified scheme (17 min—1955—Film Reference).

11–1976 Radio Transmission Security

Violations of radio transmission security in a task-force operation involving ground forces, air forces, and navy—Security precautions—Channels by which the enemy learns our plans (28 min—1955).

11–1995 Defense Against Radio Jamming

How to recognize radio jamming—Types of jamming—How to reduce its effectiveness with adequate countermeasures (24 min—1956).

11–2061 Use of Voice Radio

Procedure and techniques of voice radio communications—Use and adjustment of hand, throat, and lip microphones (28 min—1944—Film Reference).

11–2062 Theory of Simplex and Phantom Circuits—Part I: Balanced Conditions

Importance in battle—Advantages—Three operating principles of coil—Series of simplex and phantom circuits (14 min—1944—Film Reference).

11–2063 Theory of Simplex and Phantom Circuits—Part II: Unbalanced Conditions

Field conditions—Special symptoms of unbalanced circuits—Cross-ringing, crossfire, relay chatter, and crosstalk (19 min—1944—Film Reference).

TF No.

11–2069 Basic Principles of Frequency Modulation

Theory and mechanics of FM transmission and reception—Advantages for military communications—Comparison of FM and AM transmission (31 min—1944—Film Reference).

11–2088 Fundamentals of Carrier Telephony—Part I: Principles and Applications

Two main carrier systems used by the army—Package C system—CF–1–A and CF–3–A equipment illustrating spiral-four system (13 min—1945—Film Reference).

11–2089 Fundamentals of Carrier Telephony—Part II: Terminal and Repeaters

Channel functioning of terminal CF–1–A—Telephone repeater CF–3–A—Purpose—Transmission levels and repeater spacing (25 min—1945—Film Reference).

11–2091 Tuning Transmitters—Part II: Amplifier and Antenna Tuning

Radio-frequency amplifiers in high-powered transmitters—Antenna circuits—Antenna tuning and control—Tuning set SCR–193 (20 min—1945—Film Reference).

11–2180 Radio Sets AN/PRC–8, 9, and 10

Technical characteristics, similarities, and differences of the three sets—Frequency—Operating channels—Methods of tuning—Operation—Maintenance—Typical installations—Tactical employment—Use of auxiliary equipment (26 min—1955).

11–2181 Calibrating and Tuning Radio Set AN/PRC–10

Step-by-step procedure for calibrating and tuning Radio Set AN/PRC–10 (9 min—1955).

11–2234 Fundamentals of Radiac Instruments

Review of basic atomic theory—Characteristics and uses of accumulation and intensity devices—Emphasis on accurate calibration for efficient operation (25 min—1955).

11–2235 Servo Systems and Data Transmission—Part I—Fundamentals of Servo

Functioning of servo components—Input, Sensing Device, Controller, Output—Torque, Feedback—Use of Servo System in fire control (17 min—1956).

11–2236 Servo Systems and Data Transmission—Part II—Basic Principles of Positioning Servos

Servo function in radar—How antennas are positioned—Error signal, antenna hunting, derivative control, error-rate antihunt methods (33 min—1956).

11–2238 Principles of Multivibrators

Theory of operation—Use as electronic timing device—Action within circuits of free-running plate-coupled, one-shot and synchronized multivibrators (26 min—1956).

11–2281 Metallic Detector, AN/PRS–3, Internal Tuning, Field Expedient Method

Preparatory steps for alignment—Setting switches and meter—Adjusting sensitivity control R36, Course R & X control and amplitude control (4 min—1956).

TF No.

11–2298 Calibration Procedure, Set NR–2, RT 70

Setting controls and assigned frequency of 52.2—Calibrating to 52.0 megacycles—Outer ring adjustment—Adjustment control (9 min—1956—Film Reference).

11–2317 The Army Command and Administrative Network—Part I—Network Facilities

Development, mission and operation of ACAN—Operation of semi-automatic and automatic tape relay equipment, facsimile equipment, voice radio channels and other communication equipment (20 min—1956—Replaces TF 11–1648).

11–2318 The Army Command and Administrative Network—Part II—Traffic Operations

Transmission of message from point of origin to receipt at terminal station—Multi-call messages—Transmission equipment and facilities (23 min—1957—Film Reference—Replaces TF 11–1649 which is obsolete).

11–2391 Preset Procedure Radio Receiver AN/GRR–5

Adjusting preset tuning control, detent, fine tuning, antenna trimmer control for maximum signal—Reselecting preset control (5 min—1956—Film Reference).

11–2392 Reading Multimeter Scales

Use in radio repair—How to read the scales to measure direct current, dc voltage, ac voltage, and resistance (6 min—1956—Film Reference).

11–2399 Use of the Cable Lashing Machine LC–231/FT

Features of LC–231/FT—Step-by-step procedures in lashing lead covered cable to the suspension strand (10 min—1956).

11–2400 Use of Coffing Hoist and Strand Dynamometer

How equipment is used to remove suspension sag and to tension the suspension strand properly for aerial lead covered cable (6 min—1956—Film Reference).

11–2441 Use of Signal Generator AN/URM–25D

Methods for obtaining various outputs—Audio frequency (AF) signal, radio frequencies (RF), and modulated RF signal (7 min—1956—Film Reference).

11–2487 Radio Interference—Part I

Nature and theory of radio interference—How it is generated and propagated—How it can be recognized—Manner in which it may reach a receiver by means of radiation or conduction (23 min—1958—Film Reference).

11–2488 Radio Interference—Part II

Techniques for tracking and suppressing interferences caused by radiation, conduction, atmosphere, mechanical and electrical devices, and radar (37 min—1958—Film Reference).

11–2489 Radio Set AN/GRC–26–(*)—Part I—Characteristics, Use, and Modes of Operation

Features, capabilities, and operation in mobile and semi-fixed positions—Components of set—Employment at Army, Corps, and

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Division levels—Use for radioteletype, CW, and voice operation—Proper siting of equipment and positioning of antennas to provide one-way reversible and full duplex operation, and dual diversity reception (12 min—1958—Film Reference).

11-2490 Radio Set AN/GRC-26-(*)—Part II—Shutdown Checks

Teaches proper positioning of various controls and switches involved in placing the component units in shutdown condition before starting operation (6 min—1958—Film Reference).

11-2491 Radio Set AN/GRC-26-(*)—Part III—Operation Power Plant and Starting Operation

Features and function of the PE-95 Power Plant—Checks prior to starting—How it is started and how it operates to feed power to equipment in the shelter (4 min—1958—Film Reference).

11-2525 Installation of Teletypewriter AN/PGC-1

Equipment required for teletypewriter station—How it is installed—Synchronizing teletypewriter at forward station with teletypewriter at headquarters station testing for legible transmission (20 min—1957—Film Reference).

11-2526 Radio Set AN/GRC-9

Features, capabilities, components, and operating accessories; installation practices and methods of employment as ground and vehicular installation (34 min—1957—Film Reference).

11-2527 Training Generator AN/URA-T1

Components, capabilities, installation, and operation; setting up for 110 voltage operation; use in field training; importance of jamming and copying through jamming in combat (25 min—1957—Film Reference).

11-2529 Operation of the TSEC/KL-7 (U)

(38 min—1957—Film is classified CONFIDENTIAL).

11-2552 Introduction to Automatic Processing Data

Explains underlying concept, capabilities, operation and application as a new management tool—Systems in use in Government installations—Present and possible future uses of ADPS in Army relative to administrative and tactical aspects (31 min—1958—Film Reference).

11-2553 Radiotelephone Procedures—Operation

Tactical demonstrations are used to illustrate representative equipment, net organization and operation, and transmission of a variety of clear and encrypted messages in rear and forward combat areas—Advantages of radiotelephone communication (25 min—1958—Film Reference).

11-2563 Radio Set AN/GRC-26-(*)—Part IV—Setting Up Receiver as Frequency Standard

Film portrays step-by-step procedure to set up Receiver "A" as a frequency standard—A demonstration frequency of 4280 kc is used (5 min—1958—Film Reference).

TF No.

11-2564 Radio Set AN/GRC-26-(*)—Part V—Preparing Transmitter for Operation

Preparation of radio transmitter for operation on a demonstration frequency of 4280 kc—Use of tuning chart and tuning procedure (5 min—1958—Film Reference).

11-2565 Radio Set AN/GRC-26-(*)—Part VI—Tuning of the Frequency Shift Exciter

Step-by-step procedure for tuning the frequency shift exciter using Radio Receiver "A" previously set up as a frequency standard (8 min—1958—Film Reference).

11-2566 Radio Set AN/GRC-26-(*)—Part VII—Tuning Transmitter Using a Doublet Antenna

Step-by-step procedure for tuning the transmitter in Radio Set AN/GRC-26-(*) for both low and high power using a doublet antenna (5 min—1958—Film Reference).

11-2567 Radio Set AN/GRC-26-(*)—Part VIII—Adjustment for Voice Operation

Step-by-step procedure for adjusting the Radio Set AN/GRC-26-(*) for voice operation to establish initial communication (3 min—1958—Film Reference).

11-2568 Radio Set AN/GRC-26-(*)—Part IX—Adjustment for Radioteletype Operation

Procedure for setting up radio-teletypewriter control unit for operation—Adjustments on receiver, transmitter, frequency shift converter—Check on power supply unit (6 min—1958—Film Reference).

11-2569 Radio Set AN/GRC-26-(*)—Part X—Adjustment for Dual Diversity Reception

Preliminary adjustments of frequency shift converter and receiving teletypewriter—Check on teletype operation—Final check and adjustment of radioteletype operation (6 min—1958—Film Reference).

11-2570 Radio Set AN/GRC-26-(*)—Part XI—Tuning Transmitter Using Whip Antenna

Safety measures—Adjustment of antenna coupling coil in conjunction with adjustments of antenna unit—Tuning transmitter for low and high power (5 min—1958—Film Reference).

11-2571 Radio Set AN/GRC-26-(*)—Partial Shutdown and First Echelon Maintenance for Operator

Procedure for shutting off AC power on both teletypewriter panels, and required settings of switches and controls—Steps in FITCAL cover checking for worn cable, rust, overheating, oil leakage, and adjustment of plugs and jacks (3 min—1958—Film Reference).

12-1653 The Army Statistical and Accounting System

Compiling and maintaining current information on military personnel—Use of machines, filing methods, and working procedures (32 min—1950).

TF No.

12–1808 Recreation Leadership

A typical recreation program conducted under proper leadership is vital to the military training program (23 min—1953—Film Reference).

15–1920 Uniform Code of Military Justice

Origin of Articles of War—Purpose and composition of courts-martial—Various types of courts-martial—Procedure of courts-martial—Stages of review up to Court of Military Appeals—Comparison of unique quality of military and civilian conduct—Articles of the Code—Punitive crimes—The honorable discharge (45 min—1954—Film Reference).

15–1946 The Investigating Officer

Functions performed by the investigating officer conducting an investigation as preparatory step to a possible court-martial, in compliance with Article 32: Uniform Code of Military Justice—Mental and moral approach to problem—Each phase of investigation illustrated (49 min—1954—Film Reference).

15–1950 The General Court-Martial

Step-by-step procedures, legal and technical aspects of the general court-martial (73 min—1954—Film Reference).

15–1961 The Summary Court-Martial

Several typical cases illustrate this simplified court procedure for handling relatively minor charges (45 min—1954—Film Reference).

15–1967 Nonjudicial Punishment

Typical cases illustrate the proper procedure for administering nonjudicial (corrective) punishment as authorized under Article 15: Uniform Code of Military Justice (26 min—1954—Film Reference).

15–2358 The Special Court-Martial

Pretrial, trial, and post trial procedures—Duties of trial counsel, defense counsel, president, and members of the court (56 min—1956—Film Reference).

16–1556 From Whence Cometh My Help

Purpose, methods, and effects of pastoral counseling—Wounded soldier on Corregidor seeks advice of chaplain—Returning soldier discusses marital difficulties—Sergeant who wants to enter church—Prisoner in guard house—Two psychoneurotics and case of Negro soldier who need spiritual guidance from chaplain—Soldiers call on chaplain when need for counseling arises (30 min—1949).

16–1693 As Deep As the Heart

Army chaplain always available to provide for soldiers' religious needs (40 min—1951—Film Reference).

16–1699 For Which We Stand—Let's Get It Straight

Harmful effects of excessive drinking (15 min—1951—From Navy Film MN 5321–B).

16–1700 For Which We Stand—To Be Held In Honor

Effects of indiscriminate sexual indulgence—Prostitution—Sanctification of intercourse by marriage (21 min—1951—From Navy Film MN5321–C).

TF No.

16–1753 The Military Funeral

This training film, for officer-in-charge and chaplains, gives detailed instruction on each phase of correct military funeral procedure (48 min—1952—Film Reference).

16–1943 The Chaplain Story

Combat chaplain in action—Mission—Responsibilities (15 min—1954—Film Reference).

16–2511 With Malice Toward Some

Concerns prejudice, stressing the fact that the chemical composition of blood in all mankind is the same regardless of race or religion (10 min—1957—Distribution to Central and Post Film and Equipment Exchanges in CONUS and overseas for loan to Chaplains).

16–2512 Freedom—How Free Am I?

Where does one man's freedom stop and the other man's begin? Appraises the moral and ethical aspects of the problem (8 min—1957).

16–2513 Self-Control

A young soldier is faced with the moral and ethical aspects of exercising self-control during the period he is captive of the North Koreans—The film ends at a suspenseful point and audience is left to conjecture his ultimate behavior (11 min—1958).

16–2514 Courage—What Price Courage

Is it worth confessing to a crime?—Driver considers question, when finds he was involved in hit and run accident—Friend is adverse to idea as victim suffered only minor injuries (10 min—1958).

16–2515 Gratitude—Thanks to Whom?

Appraises the feeling of gratitude with reference to the question—Can a man be grateful for being a member of the Armed Forces? (5 min—1958).

16–2516 Sacrifice—Sentimental Journey

This film concerns the problem of a young enlisted man, who must decide between his moral obligation to help his parents during his Dad's illness or his personal desire of making a trip to see his girl while he is on furlough (8 min—1958).

16–2517 Opportunity

Dramatization considers the question of deciding between a reassignment opportunity and remaining in a "comfortable rut" position—Two perplexed Army sergeants are reluctant to decide (7 min—1958).

16–2518 Personal Integrity

Presents a situation in which a corporal must decide between his personal integrity and the possibility of losing his buddy's friendship—His buddy has done a favor for him but returns to barracks after bedcheck—He feels that in honesty and fairness to others, his friend should be reported—What would you do (7 min—1958).

16–2519 Greatness

Poses the question as to what constitutes the measure of a man's "greatness"—Two men express differing opinions as to the merits of

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a sergeant just promoted to a better assignment—One soldier recounts several incidents that illustrate the fine qualities of the sergeant as a human being and as a leader (9 min—1958—Film Reference).

16–2520 Common Sense

What constitutes common sense in human judgment and behavior—Sergeant Edwards is chastised by his commanding officer for his irresponsible buying habits and his neglectful attitude in paying his creditors (8 min—1958—Film Reference).

16–2521 Clean Speech

Presents the question as to whether objectionable speech is morally more acceptable in some situations than in others (6 min—1958—Film Reference).

16–2522 Family

Moral responsibilities to the home and family are discussed—Responsibilities to your job—Where is the dividing line between these two?—Should your home be neglected for your job? (7 min—1958—Film Reference).

16–2695 Character Guidance Program, The

Measures to be taken by Commanders and their staffs to establish effective program—Stressing objectives and military value of character guidance—Personal example of command as a key factor for strong character development in the individual soldier (23 min—1958—Film Reference).

17–1508 The Reconnaissance Platoon and Company

Functions and operations—Security mission in protecting flanks of main body (27 min—1948—Film Reference).

17–1515 The Tank-armored Infantry Team

Tactical use of tank-armored infantry team in armored division—Comparative strength of tanks and infantry—Utilization in varying tactical situations—Forming tank-armored teams from battalions of armored division—Typical march formation—Reinforced battalion in various tactical situations—Organization of assembly area—Advanced guard—Reduction of enemy defensive area—Consolidation of objective and preparation for continuing attack (26 min—1949—Film Reference).

17–1547 The Reinforced Tank Battalion in the Attack

Planning and coordinating large-scale armored offensive operation—Steps from combat commander to armored battalion commander—Orders—Execution of orders (33 min—1950—Film Reference).

17–1698 Reinforced Tank Battalion, Planning and Conduct of Delaying Action

Withdrawal plan—Reconnaissance of first and second delaying positions—Execution of plan by teams—Action of security patrols and supporting units (22 min—1956—Film Reference).

17–1715 Reinforced Tank Battalions of a Combat Command in the Mobile Defense

This film shows a typical mobile defense counterattack by a reinforced tank battalion—Step-by-step details of the master defense

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plan—Emphasis is on the role of the battalion commander in all phases of planning and conduct, and the close cooperation of all units (22 min—1952—Film Reference).

17–1716 The Reinforced Tank Company in the Attack

This film depicts the activities of a reinforced tank company preparing for an attack and the conduct of the attack—Detailing all steps including personnel briefing by the company commander, reconnaissance, marking of tank positions, and preparation of communications and supplies—The attack—Coordinating all movements and supporting fires—Reorganizing company after accomplishment of mission (28 min—1952—Film Reference).

17–1727 Operation of the Reconnaissance Battalion Armored Division

Mission, organization, operation, and employment of reconnaissance battalion of armored division in major attack against aggressor force—Battalion responsibility for flank security, reconnaissance, and delaying action—The plan, maneuver, order of advance, communication system, and actual forward movement to secure objectives (23 min—1952—Film Reference).

17–1767 Orientation on Armor

The experience gained in North Africa and Europe during WW II has influenced the new American field army—This armored army means firepower, mobility, and shock action—It includes in addition to tanks, armored personnel carriers, self-propelled artillery, mobile support service of fuel, ammunition, and food—Purposes of M41 light tank, M48 medium tank, and the heavy tank (12 min—1954—Film Reference).

17–1968 Tank, 76-mm Gun, M41 and M41A1, Crew Firing Duties—Part I—Preparing for Action

Positions and firing duties of crew—Handling and stowage of rounds—Coordinated action in the prepare-to-fire procedure—Variations in M41 and M41A1 tanks (17 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17–1969 Tank, 76-mm Gun, M41 and M41A1, Crew Firing Duties—Part II—Firing Duties

Firing duties of crew as they carry out fire command—Detecting and correcting causes for misfires—Clear and secure guns procedure (13 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17–1970 Tank, 90-mm Gun, M47, Crew Firing Duties—Part I—Preparing for Action

Positions and firing duties of crewmen—Handling and stowage of rounds—Prepare-to-fire procedure—Cleaning and checking of equipment and loading of guns (17 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17–1971 Tank, 90-mm Gun, M47, Crew Firing Duties—Part II—Firing Duties

Duties of crewmen as they carry out Fire Command—Detecting and correcting causes for misfires—Clear and Secure guns procedure

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(15 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17-1974 Fundamentals of Tank Turrets—Part I—Introduction and Turret Controls

Tank turret components—Turret controls and their operation—Development and role of tank during WW I and WW II—Firing demonstration by a tank crew (17 min—1954).

17-1975 Fundamentals of Tank Turrets—Part II—Vision Devices, Direct Fire Sights and Auxiliary Fire Control Equipment

Capabilities, functions, and operation of vision devices, direct fire sights, and auxiliary fire control equipment basic to tanks (17 min—1954).

17-1978 Pioneering by Armor

Showing how a reconnaissance platoon and a reinforced tank platoon overcome typical obstacles, including those defended by enemy fire—Use of available tools, materials, and field expedients—Emphasis on advance preparation of tools and equipment, alertness and ingenuity (23 min—1955—Distribution limited to central film and equipment exchanges in CONUS and OS—Film Reference).

17-1990 Actions of the Individual Tank

Characteristics and functioning—Tactical duties of crew members—Control measures for movement of tank—Terrain, security, selection, and occupation of firing positions—Demonstrates preparation in assembly area, on the march, and attack on the objective—Reorganization on objective for further operations (19 min—1955—Film Reference).

17-2117 Range Finder M12—Part I—Characteristics and Controls

Characteristics and components of the M12—Principles of stereoscopic ranging—Identifies all the controls, explaining their purpose and how they are used (25 min—1955—Film Reference).

17-2118 Range Finder M12—Part II—Preparation for Ranging

How controls are preset for action—Technical detail of the ICS (internal correction system) adjustment—Accuracy and efficient operation of the range finder depend on proper adjustment of its controls (14 min—1955—Film Reference).

17-2179 Range Finder M12—Part III—Sight Adjustment and Use

Steps in boresighting and zeroing procedures—Application in specific firing situations: against stationary targets, against moving targets, and when one of the two optical systems has been damaged—Emphasis on accuracy and speed in ranging for combat effectiveness (13 min—1955—Film Reference).

17-2192 Tracked Vehicles in Support in Sub-Arctic—Part I—Winter Operations

Features, capabilities, and employment of M76 Otter, M20C Weasel and bulldozer with train of 10 ton sleds—Typical operational problems—Stress on importance of preventive maintenance (20 min—1956—Film Reference).

TF No.

17–2262 Full Track Vehicle Driving—Part I—Preparation for Driving and Basic Driving

Functions of components (M48 Tank)—Checks and servicing for smooth operation—Controls and instruments—Starting and Stopping engine—Flat terrain driving (26 min—1956—Film Reference).

17–2263 Full Track Vehicle Driving—Part II—Advanced Driving

Driving techniques in different types of terrain and under various weather conditions—Combat driving, covering: use of periscope, formations, cover, and concealment (22 min—1956—Film Reference).

17–2288 Elevation Quadrant, M13—Part I—Use of The M13 Quadrant

How the M13 is used to lay the gun at plus 132 mils, and then at minus 49 mils elevation (6 min—1956—Film Reference).

17–2289 Elevation Quadrant, M13—Part II—Test and Adjustment

How the M13 is tested for accuracy—How the required adjustment is determined—How the adjustment is made (5 min—1956—Film Reference).

17–2290 Gunner's Quadrant, M1—Part I—End For End Test, Plus Corrections

How the M1 is tested for accuracy using the *end for end test* for a plus .3 mil correction (6 min—1956—Film Reference).

17–2291 Gunner's Quadrant, M1—Part II—End For End Test, Minus Corrections

How to determine the amount of a minus correction, and how to make the correction—*End for end test* for a minus .2 mil correction (4 min—1956—Film Reference).

17–2384 Adjustment of the Caliber .30 Machine Gun Solenoid

Procedures for checking whether solenoid is mounted firmly, mounting machine gun, and adjusting solenoid (4 min—1956—Film Reference).

17–2385 Safe Loading Procedures 90MM Tank Gun

Inserting and balancing an ammunition round in loading notch—Chambering—Clearing path of recoil—Use of extracting and ramming tool—Safety pointers (5 min—1957—Film Reference).

17–2386 Ground Guide Arm and Hand Signals

Signals for guiding track laying vehicles—Start engine, move forward, to rear, to left, to right, change direction, neutral steer, close up distance, and stop (4 min—1956—Film Reference).

17–2387 Auxiliary Means of Communication—Part I—Light Aircraft Message Drop

Arrangement of air-ground communication panels to indicate center of drop zone and wind direction to pilot (5 min—1957—Film Reference).

17–2388 Auxiliary Means of Communication—Part II—Light Aircraft Pickup

Arrangement of air-ground communication panels to indicate pickup point and wind direction to pilot—Installation of suspended wire with pickup pouch (3 min—1957—Film Reference).

TF No.

17–2389 Track Tension Adjustment—Part I—M41 Tank

How to measure and eliminate sag to obtain correct track tension—How to recheck initial adjustment (4 min—1956—Film Reference).

17–2390 Track Tension Adjustment—Part II—M48 and M48A1 Tank

Correct procedures for checking track tension, measuring sag, correcting tract tension, and rechecking initial adjustment (5 min—1957—Film Reference).

17–2393 Tank Interphone Operation—Part I—Internal

How to operate three sets of interphone equipment in tank—Applying power, monitoring radio transmission, transmitting to members of crew or to a set outside the tank (4 min—1956—Film Reference).

17–2394 Tank Interphone Operation—Part II—External

How to operate equipment to make contact with supporting elements—Turning on power, testing system, and setting signal and talk and listen switches (3 min—1956—Film Reference).

17–2425 Range Determination

Methods to determine range quickly and accurately in combat—Use of range finder, range estimation by eye (28 min—1957—Film Reference—Replaces TF 17–1548 which is obsolete).

17–2494 Medium Wrecker Truck M–62—Part I—Preparation for Lifting

Adjusting boom to lift loads at various radii, use of Safe Load Chart, increasing weight lifting capability for maximum load, safety precautions (10 min—1957—Film Reference).

17–2495 Medium Wrecker Truck M–62—Part II—Power Plant Removal

Removal of power plant from Tank M–48—In first method, the M–62 is positioned to right of tank; in second method, the M–62 is positioned to rear of tank (7 min—1957—Film Reference).

17–2496 Tank Recovery Vehicle M–72—Part I—Preparing for Boom Operation

Rigging the spade and boom; use of the ground spade for loads in excess of 15,000 pounds; rigging the boom with 2-part line for maximum lift capacity (7 min—1957—Film Reference).

17–2497 Tank Recovery Vehicle M–74—Part II—Rigging for Live Boom Operation

Removal of boom foot pin, position boom cylinder to rear of vehicle, activating and aligning cylinder rod with crank arm, securing crank arm—same procedure for both boom legs (7 min—1957—Film Reference).

17–2498 Tank Recovery Vehicle M–74—Part III—Power Plant Removal

Attaching sling cable, hoisting and clearing power plant from Tank M–48—Resting plant on ground blocks—Stress on safety measures and teamwork (5 min—1957—Film Reference).

17–2504 Armor Combat Power

Describes the combat power of armor, depicting the features and fire capability of vehicles and weapons organic to the armor fighting team—Missions, organization, and fire potential of tank and armored

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platoons are discussed—A tactical demonstration is presented (24 min—1958—Film Reference—Replaces TF 17–1903 which is obsolete).

17–2538 Daily Crew Maintenance, Armored Personnel Carrier M–59

Presents services performed in the four phases of daily maintenance; before operation, during operation, at halt, and after operation—Proper use of tools, technical manual, and operational record form (28 min—1957—Film Reference).

17–2587 Armor Team Security

Responsibility of everyone on team—Security measures taken in combat—Selection, reconnaissance, and organizations of assembly areas—Security precautions for day, night, "Stand to," and on the march (24 min—1958—Film Reference).

19–1482 Absence Without Leave and Desertion

Effects of AWOL—Effects of desertion on individual and his organization (33 min—1948—Film Reference).

19–1485 Wearing of the Uniform

Importance of neat appearance—Courtesy—Good behavior—Explanation and demonstration of military personnel (20 min—1948—Film Reference).

19–1500 He's Your Prisoner

Guarding prisoners inside and outside of stockade (27 min—1948—Film Reference).

19–1552 Military Police on Trains

Duties and responsibilities of military police and shore patrol on trains and in railroad and bus stations—Tact and diplomacy (34 min—1949—Film Reference).

19–1563 Collection and Preservation of Evidence

Investigation of a homicide by CIP—Checking equipment for collection and preservation of evidence—Examining details of collection, marking, and preserving all evidence—Photographic recording or sketching scene of crime—Evaluation of evidence—Questioning of suspects—Solution of crime (62 min—1949—Film Reference).

19–1579 Traffic Patrols and Escorts

Military police on traffic patrol and escort duty—Techniques for area and organizational traffic control—Safe guidance of convoys through controlled areas by advance escort, leap-frog and truck methods (22 min—1949—Film Reference).

19–1608 Rehabilitation of Military Prisoners

Modern penology—Army rehabilitation—Routine of disciplinary barracks administration—Technique of custodial control (34 min—1949—Film Reference).

19–1610 Prevention of Pilferage—Part I: Depots and Warehouses

Exposing casual and systematic pilferage—Measures to prevent stealing—Principles for effective program—Proper prevention, apprehension procedures (20 min—1952—Film Reference).

TF No.

19–1634 Personal Encounter (Judo)—Part I: Basic Principles

Best method of protection against attack—Counter-attack principles—Six basic principles—Balance—Stahara (use of stomach muscles)—Maximum versus minimum—Momentum—Major and minor operations—Leverage (6 min—1951—Film Reference).

19–1634a Personal Encounter (Judo)—Part II: Falling

Technique of falling correctly (4 min—1951—Film Reference).

19–1634b Personal Encounter (Judo)—Part III: Throwing

Three basic throws—Hip, shoulder, and leg hook throws (7 min—1951—Film Reference).

19–1634c Personal Encounter (Judo)—Part IV: Follow Through

Judo blow used as follow through (2 min—1951—Film Reference).

19–1634d Personal Encounter (Judo)—Part V: Defense Against Body Holds

Defenses—Leg smash—Kick to groin (8 min—1951).

19–1634e Personal Encounter (Judo)—Part VI: Defense Against Choke Holds

Windmill defense—Wedge—Elbow smash—Wrist take-down—Reverse windmill—Bent arm choke (6 min—1951).

19–1634f Personal Encounter (Judo)—Part VII: Taking Prisoners

Finger, wrist, and hammerlock come-alongs (7 min—1951).

19–1634g Personal Encounter (Judo)—Part VIII: Defense Against Wrestling Holds

Full Nelson—Side headlock—Front headlock—Hammerlock (4 min—1951).

19–1634h Personal Encounter (Judo)—Part IX: Defense Against Knife or Club

Blocking knife thrusts or club blow and following with judo throw (9 min—1951).

19–1634i Personal Encounter (Judo)—Part X: Offensive Use of the Police Riot Club

Use of police club in crisscross stranglehold, Japanese rear choke, and riot club come-along (7 min—1951).

19–1661 Prevention of Pilferage—Part II: On Ships and Wharves

Precautionary measures against various methods of pilfering (31 min—1951—Film Reference).

19–1701 Support in Emergencies—Riot Control

Military police quell riot in hypothetical industrial town—Types of action often successively necessary in such operations—Emphasizes importance of military bearing, necessity for remaining well-mannered but firm, and the employment of minimum number of troops necessary for success of mission—Suppression of violence without needless bloodshed (29 min—1951—Film Reference).

19–1740 Guarding Against Sabotage

Techniques, methods, and case histories of sabotage—Fire, explosives, and mechanical means—Industrial plants, transportation facilities prime targets—Common conditions inviting sabotage—Preventing unlawful destruction—Responsibilities of civilian and military guards (Revision of TF No. 19–2032—32 min—1952—Film Reference).

TF No.

19–1748 The Airborne Military Policeman

Explaining, step-by-step, the duties and responsibilities of the military police company assigned to support airborne action—Role and importance before, during, and after the jump and in the command post area (21 min—1952—Film Reference).

19–1794 Military Police Headquarters

Illustrating the precise manner of the functioning of the military police headquarters—The duties of both the patrol sergeant and the desk sergeant—The use of the journal (11 min—1952—Film Reference).

19–1795 Military Police Services

Illustrates the duties and responsibilities of the military police, the fists and the helping hand of the army, toward any person subject to military law (9 min—1952—Film Reference).

19–1796 Military Police Approach—Individuals

Demonstrates the techniques used by the military police when apprehending, searching, or questioning normally stable persons, and drunks and belligerent suspects (9 min—1952—Film Reference).

19–1797 Military Police Approach—Vehicles

Methods employed by military police in apprehending motorists for traffic violations—Overtaking and apprehending criminals—Review of techniques (11 min—1953—Film Reference).

19–1799 Booking of Military Offenders

Correct methods and procedures in recording incidents and processing military offenders at military police headquarters—Proper method of searching prisoners and handling their personal property—The offense report and the journal (17 min—1952—Film Reference).

19–1800 Military Police Duties at Traffic Accidents

Demonstrating the eight rules of procedure for military police in handling traffic accidents (20 min—1953—Film Reference).

19–1806 Military Police Support in Amphibious Operations

Duties and functions in support of combined amphibious assault—Landings of division and support brigade military police—Duties include traffic control of men and equipment, control and direction of beach traffic, parking and spacing of vehicles, providing escorts, directing stragglers to collection points, aiding in capturing enemy snipers and enemy paratroopers, guarding prisoners of war, helping to control movements of civilians and refugees, guarding supplies to prevent pilferage and sabotage (14 min—1953—Film Reference).

19–1807 Straggler Control

Military police control the movements of all military and civilian persons into or out of the combat area—Straggler problem within division area—Detecting, apprehending, and disposing of the lost, sick, and deliberate straggler (18 min—1953—Film Reference).

19–1809 Geneva Conventions—Handling Prisoners of War

Techniques and procedures for handling POW's from time of capture to internment in POW camps in accordance with convention, 1949 (25 min—1952—Film Reference).

TF No.

19–1847 Industrial Plant Protection

Vital to national security—Basic physical security standards for insuring uninterrupted defense production—Scale model illustrates mechanical aids to security—Purposes of perimeter defense line and inner defense systems—Need and requirements of good lighting system, efficient communication and alarm system, properly secured locks, and a highly trained guard force (29 min—1953—Film Reference).

19–1938 Guardhouse and Stockade—Part I—Processing Military Prisoners

Step-by-step procedures in receiving tnd processing military prisoners to confinement facilities (29 min—1954—Film Reference).

19–1939 Guardhouse and Stockade—Part II—Classification of Military Prisoners by Custody Grades

Types and classification of guardhouse and stockade prisoners—Responsibilities of supervisory and confinement personnel—Importance of continuous classification and reclassification for rehabilitation purposes—Regulations governing custody grades (25 min—1954—Film Reference).

19–1940 Guardhouse and Stockade—Part III—Security and Control

Depicts duties of disciplinary guards, control of mass or group movements, forming and moving of work details, shakedowns and searches, and use of weapons in confinement facilities (31 min—1954—Film Reference).

19–2111 Military Police Town Patrol—Part I—Foot Patrols

Planning and organization of patrols—Preparation for mission—Familiarization w/patrol route—How to advise and assist soldiers—How to enforce regulations (36 min—1956—Film Reference).

19–2112 Military Police Town Patrol—Part II—Motor Patrols

Cruising in patrol area—Visiting off-limits night clubs—Handling intoxicated soldier—Quelling brawl—Apprehending intoxicated driver (16 min—1955—Film Reference).

19–2137 Point Control of Traffic

Hand and arm signals—Traffic flow through one-way and four-way intersections—Flow cycle—Pedestrian traffic—Right-of-way vehicles—Traffic at defiles (32 min—1955—Film Reference).

19–2271 The Traffic Accident Spot Map

Use and preparation of map—Symbols used for plotting information, the required scale of the map, and the features of a suitable legend (4 min—1956—Film Reference).

19–2272 The Collision Diagram

Use and preparation of diagram—Plotting information, legend, right angle, rear end and side swipe collision patterns (5 min—1956—Film Reference).

19–2275 Motor Vehicle Spot Speed Studies—Setting up Mirror Boxes

Positioning boxes—Positioning of observer and recorder—Clocking passing vehicles—Recording data—How studies aid in enforcement (6 min—1956—Film Reference).

TF No.

19–2287 Apprehension and Search of Persons

Technique of taking persons into custody—Conducting frisk, wall and complete searches—Use of handcuffs—Disposition of female offenders (27 min—1956—Film Reference).

19–2442 Suspects and Witnesses—Part I—Basic Interviews

Interviews of two typical witnesses by a MP after an accident—Interviewing techniques, effects of emotion and prejudice on observations (16 min—1957—Film Reference—Replaces TF 19–1580, which is obsolete).

19–2443 Suspects and Witnesses—Part II—Complaints and Hostile Witnesses

Interviews of two typical witnesses by Military Police Criminal Investigators—Questioning technique and careful evaluation of testimony is stressed (21 min—1957—Film Reference).

19–2444 Suspects and Witnesses—Part III—Interrogating Suspects

Techniques used to question: a suspect whose guilt of breaking into a PX is uncertain, and the suspect of a brutal crime (44 min—1957—Film Reference).

19–2540 Investigation of Narcotics Offenses

Discusses the symptoms of drug addiction, and illustrates the techniques and procedures related to the discovery, apprehension, and search of offenders (40 min—1958—Film Reference).

20–1684 Once Too Often

Safety film—Recklessness of soldier on leave—Results (25 min—1951).

20–1736 Introduction to Army Work Simplification

Demonstrating work simplification in action—Need for and value of the program—Importance of line supervisor to success of program—Flexible army regulations system permits utilization of managerial improvement program (19 min—1953).

20–1737 Work Simplification in the Office

Scope and variety of office work in the Department of the Army—Role of work simplification program—Five tools are: work distribution chart, flow process chart, work count, motion economy analyses, and layout studies—To be preceded by TF 20–1736 (25 min—1954—Film Reference).

20–1738 Work Simplification in the Shop

Definition of work simplification program as applied to civilian and military phases of DA—Tools studied and analyzed—Better management at lower cost—Maximum effectiveness possible when program is utilized at all levels (17 min—1954—Film Reference).

20–1771 Production Control—Part I

Step-by-step procedure by which management regulates production output to meet fluctuating product requirements of the company's sales efforts—Basic importance of routing in manufacture (11 min—1955—Distribution limited to central film libraries in CONUS only—Commercial Adaptation).

TF No.

20-1772 Production Control—Part II

Three final steps in production control—scheduling, dispatching, and follow-up (11 min—1955—Distribution limited to central film libraries in CONUS only—Commercial Adaptation).

20-1937 Tactical Employment of Atomic Weapons In Support of Ground Troops (Defensive) (U)

(51 min—1955—Film is classified CONFIDENTIAL.)

20-1979 Land Mine Warfare—Part I—Introduction

Employment in offensive and defensive combat tactics—Types, features, and operation of mines (24 min—1956—Film Reference).

20-1980 Land Mine Warfare—Part II—Siting and Marking

Showing order and method in which siting party lays boundary, centerline, safety lane, vehicle and patrol lane tapes—Method in which marking party fences and marks the minefield (11 min—1955—Film Reference).

20-1981 Land Mine Warfare—Part III—Laying the Minefield

Organization of laying party—Laying mines by hand and vehicles—Mine cluster patterns—Placing mines M15 antitank, M16 antipersonnel, M14 plastic antipersonnel—Fuzing—Testing, arming, camouflaging, and boobytrapping mines—The completed obstacle (22 min—1955—Film Reference).

20-1982 Land Mine Warfare—Part IV—Recording and Reporting

Procedures for recording and reporting minefields—Reports of intention, initiation, completion, change, transfer, minimum and maximum record (13 min—1955—Film Reference).

20-1983 Land Mine Warfare—Part V—Arming, Disarming, and Camouflaging

Showing how to handle mines expertly and safely—Methods of arming, disarming, and camouflaging three representative mines and one flare: M15, M14, M16 mines and M49 flare (24 min—1955—Film Reference).

20-1984 Land Mine Warfare—Part VI—Boobytrapping Mines

Methods used to boobytrap the M15 heavy antitank mine and the M16 antipersonnel mine—Percentage of boobytrapped mines used in defensive, barrier, and nuisance minefields—Emphasis on checking boobytrap equipment and following prescribed safety procedures (26 min—1955—Film Reference).

20-1985 Land Mine Warfare—Part VII—Protective Minefields

Step-by-step procedure for the installation of a protective minefield as a combat outpost by a combat platoon—Other uses of a minefield—Final disposition of minefield after it has served its purpose (11 min—1955—Film Reference).

20-1986 Land Mine Warfare—Part VIII—Nuisance Mining

Application, features, and procedures for accomplishing each of the four types of nuisance mining (area, route, installation, and mining behind the enemy lines)—Use of butterfly mine—Emphasis on reporting nuisance mining (15 min—1955—Film Reference).

TF No.

20–1987 Land Mine Warfare—Part IX—Assault Breaching

Procedures and techniques for deliberate and hasty breach of an enemy minefield—Activities and duties of reconnaissance patrol and of breaching parties—Methods of opening and widening lanes for passage of troops—The assault and passage of forces (19 min—1955—Film Reference).

20–1988 Land Mine Warfare—Part X—Area Clearing

Study of area to be cleared—Checking of minefield records—Reconnaissance of area—Mechanical and manual methods of clearing a minefield—Handling and storage of defuzed mines in good condition (12 min—1955—Film Reference).

20–1989 Land Mine Warfare—Part XI—Behavior in a Minefield

Techniques of moving safely through minefield—Planning best way out—Probing for trip wires and mines—Uncovering and marking trip wires and mines—Marking safety line—Reporting minefield to CP—Moving injured man out (10 min—1955—Film Reference).

20–2531 Individual Protection Against Atomic Attack

Explains the principal effects of atomic explosions, blast, heat and nuclear radiation—Depicts protective measures to be taken, by the individual soldier, before, during, and after the attack—Emphasizes fact that soldier must learn to protect himself (25 min—1958—Film Reference).

20–2561 The Pentomic Army

New type organization, tactics, firepower, mobility, communications, and equipment—THE PENTOMIC ARMY, designed to meet modern concepts of war—Demonstrates new weapons, new transportation, infra-red equipment, new Mechanical Mule—Shows firing of missiles and rockets (50 min—1958—Color).

21–1018 Keep it Clean

Importance of keeping soldier's rifle clean—Results of individual's carelessness (14 min—1943—Film Reference).

21–1121 Elementary Tactics of Life Saving

Various methods of approach—Breaking holds—Carrying men in danger of drowning—Carrying victims to shore by firemen's carry and saddle back carry (11 min—1944—Film Reference).

21–1244 Abandon Ship

Techniques for abandoning ship—Advance preparation—Care of equipment and clothing needed in emergency (29 min—1944—Film Reference—From Navy Film MN 1145).

21–1370 Camouflage—Movement of Individuals and Small Units

Teaches the soldier various devices to use for individual and unit protection against enemy view and fires—Basic principles of camouflage—Shadows (13 min—1944—Film Reference—From British Army Film BC–476).

21–1612 A Penny Saved

Approach to supply discipline aimed at individual soldier—Problems connected with supply discipline—Examples of varied methods

TF No.

of saving—Salvaging and conserving equipment—Carelessness and disregard of common sense in handling equipment—Cases of group and common property damage (28 min—1951).

21–1741 Seeing in the Dark

Principles and techniques of adapting the eyes to the dark—Using offcenter vision and short, scanning eye movements effectively and confidently—Employing infrared equipment (27 min—1952—Film Reference).

21–1840 Principles of Leadership

Mastery of the 11 principles of leadership illustrated in this film will guide those with leadership potentialities to the confidence, respect, obedience, and cooperation of their subordinates (43 min—1953—Film Reference).

21–1921 Troop Indoctrination for an Atomic Exercise

Planning for an atomic maneuver—Nature and effects of atomic explosions—Protective measures against effects—Various phases of a typical atomic exercise—Emphasis on application of prescribed safety measures for preservation of life (33 min—1955).

21–1965 Military Courtesy

Necessity for, and basic elements of, military courtesy (17 min—1954—Film Reference).

21–1973 Escape

When and where chances for escape from enemy custody are most favorable—Planning considerations and precautions—Illustrates escapes, based on case histories, at the front lines, from division inclosure, from truck and train, and from PW camps (45 min—1955—Film Reference).

21–2097 Camouflage Principles

Use and methods of camouflage—Uses of shades and shadow—Avoidance of light background—Methods of moving to avoid detection and enemy fire—Camouflaging vehicles, gun positions, and fortifications—Selection of site—Avoidance of highlights, color, tone, movement, and shadow (25 min—1945—Color).

21–2098 Individual Concealment

Importance of correct camouflage for concealment of the individual soldier—Methods, procedure, and techniques of camouflaging—Method of darkening face, hands, and neck (30 min—1945—Color).

21–2099 Concealment of Vehicles

Technique of camouflage applied to vehicles in temporary and permanent bivouac—Standard procedure and field expedients for concealing vehicles and tire marks near bivouac or parking area (28 min—1945—Color).

21–2100 Concealment of Bivouac

Problems involved in selection and camouflage of bivouac area against air reconaissance—Drapes and flat tops—Natural cover (24 min—1945—Color).

TF No.

21–2113 Physical Training, Army Drill Number One—Part I—Exercises 1–4

High jump, bend and reach, squat thrust, and rowing (21 min—1956—Distribution to central film libraries in CONUS and OS).

21–2114 Physical Training, Army Drill Number One—Part II—Exercises 5–8

Squat bender, push-ups, side bender, and body twist (12 min—1956—Distribution to central film and equipment exchanges in CONUS and OS).

21–2115 Physical Training, Army Drill Number One—Part III—Exercises 9–12

Squat jumper, trunk twister, stationary run, and 8-count push-up (10 min—1956—Distribution to central film and equipment exchanges in CONUS and OS).

21–2116 Physical Training, Army Drill Number One—Part IV—Alternate Exercises, Supplementary Activities

Bottoms up and turn and bounce—Running in formation, sprints, and cross-country runs—Guerrilla exercises—Grass drill—Combative drill—Mass games and relays (10 min—1956—Distribution to central film and equipment exchanges in CONUS and OS).

21–2197 Camouflage for Scouting and Patrolling

Camouflage and movement techniques employed by combat troops in day and night operations—Stress on good camouflage discipline for survival (33 min—1957—Color—Film Reference).

21–2301 Military Instruction—Part I—Principles of Learning

Cover the six principles of learning: motivation, objective, doing, realism, background, and appreciation—Importance of appeal to senses to stimulate student interest (23 min—1956—Film Reference).

21–2302 Military Instruction—Part II—The Stages of Instruction—Preparation

Estimating teaching situation—Selecting and organizing material—Checking availability of training aids—Preparing lesson plan—Rehearsing lesson—Final check of all arrangements (12 min—1956—Film Reference).

21–2303 Military Instruction—Part II—The Stages of instruction—Presentation

Covers elements and advantages of introduction, explanation, and summary (12 min—1956—Film Reference).

21–2304 Military Instruction—Part II—The Stages of Instruction—Application, Examination and Review of Critique

Elements and advantages of application, examination, and review or critique (20 min—1956—Film Reference).

21–2305 Military Instruction—Part III—Training Aids

Types, characteristics and use of simple and complex training aids—CTA's, chalkboards, film strips, slides, transparencies, working models, and motion pictures (23 min—1956—Film Reference).

21–2306 Military Instruction—Part IV—Speech Techniques

Gaining attention of students—Diction—Mannerisms—Stance—Delivery (11 min—1956—Film Reference).

TF No.

25–152 Ignition and the Spark Plug

Fundamentals of construction, operation, and maintenance of spark plugs and ignition systems used in motor vehicles (21 min—1941).

25–333 The Engine Lathe—Rough Turning Between Centers

Setting up engine lathe for a rough turning job between centers—Piece already cut to length and centered—Safety precautions in dress and work—Various controls on lathe (15 min—1941—Film Reference—From US Office of Education Film No. 6).

25–334 The Engine Lathe—Turning Work of Two Diameters

Sequency of operations in turning a gear blank with a shaft from a solid piece of round stock (14 min—1941—Film Reference—From US Office of Education Film No. 7).

25–335 The Engine Lathe—Cutting a Taper with the Compound Rest and With the Taper Attachment

Operations when turning sharp taper on level gear blank with compound rest and slight taper on shaft with taper attachment (10 min—1951—Film Reference—From US Office of Education Film No. 8).

25–336 The Engine Lathe—Drilling, Boring, and Reaming Work Held in Chuck

Operations when cutting tapered hole in solid forged steel gear blank—Operations in centering piece in chuck, rough facing, drilling, tapered boring, and reaming (10 min—1942—Film Reference—From US Office of Education Film No. 9).

25–337 The Engine Lathe—Cutting an External National Fine Thread

Various shapes and uses of national fine thread—Procedures for cutting thread on lathe (12 min—1942—Film Reference—From US Office of Education Film No. 10).

25–338 The Milling Machine

Parts of earliest standard plain milling machine—Capabilities, operation, and work accomplished on it (7 min—1942—Film Reference—From US Office of Education Film No. 11).

25–339 The Milling Machine—Cutting Keyways

Setting up shaft on table of milling machine for cutting keyway at each end—Selection of cutter—Determination of speed and feed—Setting machine for depth and length of cut (15 min—1942—Film Reference—From US Office of Education Film No. 12).

25–340 The Milling Machine—Straddle and Surface Milling to Close Tolerances

Methods and procedure followed when rough milling a solid bar of stock—Finish milling of same piece to given shape and size (27 min—1942—Film Reference—From US Office of Education Film No. 13).

25–341 The Milling Machine—Straddle Milling

Procedures followed when straddle milling a pair of connecting rods held in a fixture—Function of fixtures in production work illustrated (17 min—1946—Film Reference—From US Office of Education Film No. 14).

TF No.

25-342 The Milling Machine—Plain Indexing and Cutting A Spur Gear

Set-up of milling machine—Use of dividing head—Cut of 8-pitch spur gear with 36 teeth (25 min—1942—Film Reference—From US Office of Education Film No. 15).

25-343 The Vertical Boring Mill—Rough Facing, Turning, and Drilling on a Vertical Turret Lathe

Operations used in rough facing, turning, and drilling aluminum casting held in chuck jaws of vertical turret lathe (31 min—1942—Film Reference—From US Office of Education Film No. 16).

25-344 The Vertical Boring Mill—Rough Facing, Boring, and Turning a Shoulder on a Vertical Turret Lathe

Tooling a vertical turret lathe for work requiring independent use of vertical and side heads (22 min—1942—Film Reference—From US Office of Education Film No. 17).

25-345 The Vertical Boring Mill—Facing, Turning, Boring, Grooving, Chamfering on a Vertical Turret Lathe, Using Two Heads

Tooling a vertical turret lathe for work requiring simultaneous use of both vertical and side heads (31 min—1942—Film Reference—From US Office of Education Film No. 18).

25-346 Steel Rule

Steel rule in detail—Various forms in general use—Fractional scales—Correct use (14 min—1942—Film Reference—From US Office of Education Film No. 1).

25-347 Micrometer

Various forms of micrometers—Reading micrometers—Use and care (15 min—1942—Film Reference—From US Office of Education Film No. 2).

25-348 Fixed Gauges

Types of fixed gages—Importance of mass production of these instruments (17 min—1942—Film Reference—From US Office of Education Film No. 3).

25-349 Vernier Scale

Principles of vernier scale—Its application to precision measurement (19 min—1942—Film Reference—From US Office of Education Film No. 4).

25-350 Height Gauges and Standard Indicator

Fundamental principles of vernier height gage—Various forms of standard indicators—Their use (12 min—1942—Film Reference—From US Office of Education Film No. 5).

25-624 Cutting a Keyway on a Finished Shaft

The shaper—Parts and controls—Procedures and precautions in cutting keyway in end of finished steel shaft (13 min—1942—Film Reference—From US Office of Education Film No. 19).

25-625 Machining a Rectangular Cast Iron Block

Block cast of iron used to show functions and use of parallels and various ways in which a block is set in the vise for rough machining all surfaces—Technique of operation—Use of automatic feed—Hand

TF No.

feeding (15 min—1942—Film Reference—From US Office of Education Film No. 20).

25–626 Drilling and Tapping a Cast Steel Valve Body

Techniques used when drilling and tapping blind holes in cast steel on a radial drill—Drill jig with loose bushings used for locating holes (19 min—1942—Film Reference—From US Office of Education Film No. 22).

25–627 Drilling to a Lay-out and Spotfacing a Cast Iron Valve Body

Drilling and spotfacing holes in flange of cast iron valve body—Details of setting up work in machine—Adjusting feed and speed—Checking work for accuracy (15 min—1942—Film Reference—From US Office of Education Film No. 23).

25–628 Machining a Tool Steel V Block

Laying out material—Seating block in vise—Selecting cutting tools—Adjusting shaper—Precautions (20 min—1942—Film Reference—From US Office of Education Film No. 21).

30–1493 Prisoner of War for Intelligence

Reasons for taking prisoners in combat—Valuable information obtained through proper questioning—Clever use of interrogation (27 min—1948—Film Reference).

30–1494 Production of Combat Intelligence

On basis of division mission, G2 directs production of combat intelligence for division mission—Piecing together fragments of information on makeup of enemy forces—Equipment—Positions—Complete picture for plan of action (17 min—1948—Film Reference).

30–1523 Safeguarding Military Information

Necessity of military and civilian personnel keeping eyes open and mouth shut (16 min—1949).

30–1543 The Aggressor Force

American soldiers, specially trained and equipped, enact part of aggressor (26 min—1950—Film Reference).

30–1545 Unit Censorship

Importance of unit censor's activities in over-all military censorship program—Necessity for unit censorship in time of war—Duties and responsibilities of unit censors—Use of *blue* envelope—Procedure for having unofficial film processed (26 min—1949).

30–1565 Military Censorship

Need for censorship in time of war—Case histories—Influence of strict censorship upon successful outcome of mission (20 min—1949).

30–1569 Lock Security (U)

(41 min—1949—Film is classified CONFIDENTIAL.)

30–1607 Surveillance (U)

(35 min—1950—Film is classified CONFIDENTIAL.)

30–1645 Investigative Sound Devices (U)

(30 min—1950—Film is classified CONFIDENTIAL.)

TF No.

30–1651 Informants (U)

(38 min—1950—Film is classified CONFIDENTIAL.)

30–1702 Undercover Operations (U)

(37 min—1951—Film is classified CONFIDENTIAL.)

30–1735 On Post Safety

Promotion of on-duty accident prevention philosophy—Average accidents analyzed—Common causes of accidents—Individual responsibility (22 min—1952).

30–1739 Cryptosecurity (U)

(18 min—1952—Film is classified CONFIDENTIAL—Modified Handling Authorized.)

30–1751 Investigative Techniques (U)

(37 min—1952—Film is classified CONFIDENTIAL.)

30–1890 Security—Part I—Guarding Against Espionage in Military Installations

Cardinal rules for good security—Methods used by enemy agents—Danger of lack of alertness—Hazards of amateurs attempting to uncover spies (23 min—1958—Film Reference).

30–1891 Security—Part II—Safeguarding Defense Information

Basic principles of safeguarding classified defense information set forth in AR 380–5 with aim towards developing security consciousness—Security regulations applicable to classified documents, safe combinations, classified waste, and telephone conversations—Clearance and need-to-know requirements—Destruction procedure is shown (19 min—1958—Film Reference).

30–1896 Technical Intelligence in Action

Mission and operations of Army Intelligence is explained—After exhaustive tests of captured enemy materiel, new countermeasures or improved weapons and equipments are developed for our troops (24 min—1954).

30–1922 The Soviet Army in the Attack

A 1943 Soviet training film with English dubbed in shows Soviet military methods, techniques, and tactics—Compares American and Soviet systems—Discusses basic Soviet doctrine of fire and movement in offensive (27 min—1954—Film Reference).

30–1923 Counter Intelligence Corps in Combat (U)

(38 min—1954—Film Reference—Exhibition to personnel, all branches of services on a need-to-know basis ONLY—Film is classified CONFIDENTIAL.)

30–1936 Armies of the World—Part II—The Soviet Army in the Defense

A Soviet training film with dubbed English commentary, explaining Soviet methods, techniques, and tactics employed in the defense—Difference between Soviet and American systems—Analysis of various phases of the defense (26 min—1955—Film Reference).

30–1957 Armies of the World—Part II—Soviet Army—Winter Warfare

Soviet military offensive tactics used during winter campaigns of World War II—Preparation for march—Camouflage—Security ele-

TF No.

ment—Movement of troops—Hauling of equipment—Care and use of weapons—Communications—Combat formations—Night and day operations (23 min—1955—Film Reference).

30-1958 Armies of the World—Part II—Soviet Army—Assault on Fortifications

Soviet training film, with dubbed English commentary, showing various steps employed by the Soviet Army prior to an assault on fortified positions—Encirclement of area—Artillery fire—Activity of engineer teams and shock groups—Use of weapons—Advance of assault troops—Penetration into enemy defense—Fighting in built-up area—Preparations for counterattack—Consolidation of positions by reserve units (25 min—1955—Film Reference).

30-1966 Armies of the World—Part II—The Soviet Soldier

Characteristics and traits—Fighting capabilities—Comparison with American Army—Military training cycle—Political indoctrination—Uniforms and insignia—Characteristics and application of basic Soviet weapons (29 min—1955—Film Reference).

30-2555 Transmission Security

Outlines responsibilities of all persons concerned with communications, from writer to recipient—Sources of security leaks—Protective devices for communication security in the field—Fundamentals of transmission are summarized (30 min—1958—Film Reference).

30-2601 Electronic Search Recording Techniques (U)

(37 min—1958—This film is classified CONFIDENTIAL.)

31-1175 Field Artillery 105-mm Howitzer Section in Shore-to-shore Operations

Loading from beach to boat and ferrying across water—Methods of lashing howitzer and trucks to decks—Loading ammunition, landing, and getting into action (20 min—1943—Film Reference).

31-1854 Drop Zone

Demonstration of vertical envelopment maneuver—Typical airborne operation, characterized by mobility, threat, and surprise—Smooth coordination among services vital to success of operation (17 min—1954).

31-1926 Assembly of an Airborne Unit

Methods for assembling airborne units—Assembly aids used to facilitate assemblies in day and night operations—Various phases of an airborne operation—Reorganization in assembly area and move to objective (18 min—1955—Film Reference).

31-1927 Duties of a Jumpmaster

Attendance at conferences on administrative and tactical details—Inspection of men, equipment, aircraft, loadings and parachutes—Organization of men and equipment—Review of parachute jump—In-flight responsibilities—Jump commands—The jump (33 min—1955—Film Reference).

31-2126 The Airborne Soldier

Basic paratrooper training course at the Airborne School, Fort Benning—Physical fitness and approved jump and landing techniques (33 min—1955—Film Reference).

TF No.

31-2127 Assembly Problem after 5th Novice Jump

Pre-jump briefing—The jump—Dispersal to assembly area—Digging in at sector of fire—Report to instructors—Move to shakeout area (10 min—1956—Film Reference).

31-2128 Personnel Parachute Malfunctions and Activation of Reserve Parachute

How jumper copes with inactivation of main parachute—Inversion of parachute canopy—Blown gore and section—Technique of activating reserve parachute (9 min—1956—Film Reference).

31-2129 Personnel Parachute Entanglements and Recovery From Twists

How entanglements and twists occur—How to avoid them—How jumper recovers from both—Condition for activating reserve parachute (6 min—1956—Film Reference).

31-2130 Parachute Landing Falls

Approved techniques for executing the four parachute landing falls: right, left, front, rear—Alternate technique for landing in ground winds from 8 to 15 miles per hour (12 min—1956—Film Reference).

31-2131 Parachute Training in the 34 Foot Mock Tower

Action of trainee in tower readying for jump—The jump—Instructor's critique of individual performance—Mass exits from tower (12 min—1956—Film Reference).

31-2132 Conduct of a Parachutist in the Aircraft

Seating and fastening safety belt—Relaxing in position on command—Action at "Get Ready" command—Execution of the seven jump commands (9 min—1956—Film Reference).

31-2133 The Swing Landing Trainer

How trainees practice the 4 PLF's (parachute landing falls) on the swing landing trainer—Individual performance critiqued by instructor (7 min—1956—Film Reference).

31-2134 Parachute Recovery and Shakeout During Novice Training

Removal of harness after landing—Stowing parachute gear in kit bag—Two-man system of shakeout—Assembly of clean parachute gear for turn in (8 min—1956—Film Reference).

31-2138 Subarctic Winter Bivouacking

Advanced planning—Security and defense measures—Erection of shelter, water and cooking facilities—Protection against cold—Proper use of sleeping equipment (30 min—1955—Distribution in CONUS and Overseas—Film Reference).

31-2216 Wearing Individual Parachute Equipment

Correct method of donning combat load for jump—Illustrates where each piece of equipment is worn and how it is secured to parachutist's body (5 min—1955—Distribution to central film libraries in CONUS, Ft. Bragg, NC., and Ft. Benning, Ga).

31-2297 Subarctic Cross-Country Mobility—Part II—Summer Operations

Nature and character of tundra, muskeg, permafrost and frozen subsoil—How the various areas are traversed by military units (11

TF No.

min—1956—Distribution to Army and film equipment exchanges in CONUS and overseas—Film Reference).

33–2509 Guerrilla Warfare

Nature and impact of guerrilla forces in past, present, and future—Role in nuclear warfare—Role of U.S. Army Special Forces Operational Teams (22 min—1957—Film Reference).

35–1895 On Parade

The story of a WAC corporal who appraises her first year in service and notes the development and improvement of her appearance, conduct, and manner (17 min—1953—Film Reference).

41–2590 Military Government in an Enemy City—Part II—Public Safety

Methods and techniques employed by Civil Affairs Military Government Public Safety Team to control civilian population of an occupied enemy city—To prevent sabotage, guerrilla activity, and civilian interference with military operations (17 min—1958—Film Reference).

41–2591 Military Government in an Enemy City—Part III—Public Health

Shows how a Civil Affairs Military Government Public Health Team in an occupied enemy city implements measures to safeguard the health of troops and protect civilian persons (16 min—1958—Film Reference).

41–2592 Military Government in an Enemy City—Part IV—Civilian Evacuation

Methods and techniques used by Civil Affairs Military Government Staffs in effecting a mass evacuation of 40,000 persons from an occupied enemy city within 72 hours (25 min—1958—Film Reference).

44–1327 The Radio Set SCR–584—Part IV: Interference

Operation during interferences such as rain, gun firing, and aircraft entering circuit—Tracing and spotting targets—Adjustments of instrument to eliminate interference (18 min—1945—Film Reference).

44–1347 The 90-mm Antiaircraft Gun on the M2 Mount—Part I: Emplacement

Table model demonstration—Field exercise with crew in action—Gun commander selects site for emplacement—Duties of crew members—Four important steps of emplacement (24 min—1944—Film Reference).

44–1348 The 90-mm Antiaircraft Gun on the M2 Mount—Part II: March Order

The bogie 90-mm antiaircraft guns being readied for march order—Procedure described—Gun crew in action (26 min—1944—Film Reference).

44–1349 The 90-mm Antiaircraft Gun on the M2 Mount—Part III: Hasty Emplacement for Antitank Firing

Elevation, depression, and traverse in preparing gun for quick firing from wheels—Emphasis on speed and accuracy (11 min—1944—Film Reference).

TF No.

44–1350 The 90-mm Antiaircraft Gun on the M2 Mount—Part IV: Preparation for Firing

Four important checks in preparation for firing—Checking gun, orientation, synchronization, and operation (35 min—1944—Film Reference).

44–1351 The 90-mm Antiaircraft Gun of the M2 Mount—Part V: Inspection of Ammunition and Firing

Operations and duties of the ammunition squad of a gun crew in inspecting and handling propelling charges—Loading, point, and firing—Reloading and firing (23 min—1944—Film Reference).

44–1409 The Radio Set SCR–584—Part V: Electronic Jamming

Tracing targets during interference of electronic jamming—Recognition of jamming—Eliminating interference by adjustment of instruments (20 min—1945—Film Reference).

44–1410 The Radio Set SCR–584—Part VI: Window Jamming

Demonstration of window jamming and its solution—Following window trail left by aircraft—Picking up targets flying through old windows—Countering sudden window dropping accompanied by evasive tactics (31 min—1945—Film Reference).

44–1524 Twin 40-mm Gun Motor Carriage M19

Characteristics and operation of gun and gun mount—Capabilities of mount—Mechanical functioning of the piece—Duties of crew members (17 min—1949—Film Reference).

44–1554 Light AAA with Infantry and Armored Divisions

The primary missions, organization, weapons, and employment of light AAA battalion with infantry and armored divisions under diversified tactical conditions (18 min—1952—Film Reference).

44–1606 Spotting Trial Bursts by Radar

Method of spotting trial bursts with SCR–784 and SCR–584 and directors M7 and M9—Reading the fine scope to determine range of trial bursts of antiaircraft fire and to calculate distance over or short of target—Accuracy and time saving through spotting trial bursts by radar (13 min—1951).

44–1641 Orientation and Synchronization of the AAA Gun Battery—Part I: Basic Principles

Elements of AAA gun battery in relation to each other—Need for accurate orientation and synchronization—Carelessness illustrated—Errors brought out during classroom discussion and review (43 min—1951—Film Reference).

44–1647 The Directors M9 and M10—Part III: Preparation

Preparatory stages to make 90-mm gun battery antiaircraft fire effective—Fire control equipment consisting of generators, radar (SCR–584), tracker, trailer, computer, and its power unit—Director M9 with computer—Director M10, used with 120-mm gun—Energizing equipment—Ac voltage regulation (upper and lower limit), Dc voltage check, oscillator check, servo gain check and Dc and Ac zero set—Adjusting between fire periods (19 min—1951).

TF No.

44–1680 Light AAA in Close Fire Support of Infantry

Pictorial record of an attack by an infantry regiment with fire support of light AAA—Each step in the coordinated plan shown (29 min—1953—Film Reference).

44–1682 Orientation and Synchronization of the SCR–584 and SCR–784 with M9 and M10 Directors

Principles and technique of orienting and synchronizing radar and director in fire control procedure—Tracker orientation—Selsyn adjustment—Selsyn transformer synchronization—PPI selsyn synchronization—Local and remote indicator synchronization—Range potentiometer test—Synchronization of radar with tracker (26 min—1951).

44–1780 Employment of the AAFCS M33 Fire Control System Trailer

Showing the arrival of the M33 radar trailer at a desert site and the procedure for emplacement of the M33 fire control system (17 min—1952—Film Reference).

44–1781 Emplacement of the AAFCS M33 Acquisition Radar

Showing emplacement of the acquisition antenna assembly by personnel of range platoon but not showing the actual operation of the acquisition radar system (14 min—1953—Film Reference).

44–1782 March Order of the AAFCS M33 Fire Control System

Showing that the AAFCS is packed in three separate vehicles—Emplacing acquisition antenna assembly and emplacing tracking antenna are two separate actions that can be performed simultaneously (15 min—1953—Film Reference).

44–1783 March Order of AAFCS M33 Acquisition Radar

Illustrating how to perform the march order of the acquisition antenna assembly in two simultaneous steps (16 min—1952—Film Reference).

44–1858 The Computing Sight M19 Series (M19A1 and M38) Nomenclature and Operation

Discussion of the nomenclature and the operation of computing sight M19 series, types M19A1 and M38—Detailed explanation of method of orienting, leveling, and setting the sight at proper superelevation—Five steps for engaging targets—How to engage targets flying variety of courses, climbing, and diving targets (27 min—1954—Film Reference).

44–1886 Antiaircraft Fire Control System M33: Fire Missions

Action in an AAFCS M33 during a fire mission—Step-by-step breakdown of action showing units of an AAFCS M33 in relation to each other—Operation of panel controls—How target is announced, picked up, tracked by radar, plotted for fire, fired and downed (17 min—1954—Film Reference).

44–1887 Antiaircraft Fire Control System M33: Orientation and Synchronization

Orientation by known datum point method and back-sighting method—Methods for maintaining proper adjustment of equipment (self-synchronous) (18 min—1954—Film Reference).

TF No.

44–1888 Antiaircraft Fire Control System M33: Start and Stop Procedure

This equipment locates and tracks aerial targets by radar—Computes and transmits firing data electrically—Separate components—Procedure to energize and de-energize—Three stages of energizing and de-energizing (18 min—1954—Film Reference).

44–1964 Nike I—Introduction to the System

Uncrating and pressure tests—Booster joining—Missile tests—Fuel and oxidizer servicing—Warhead installation—Servicing at launching area for firing (24 min—1954—FOR OFFICIAL USE ONLY).

44–2139 Nike I, SAM Battalion, Orientation and Synchronization—Part I—Leveling of the Tracking Radars

Fine leveling procedure—Determining A and B levels of antenna assembly, how data is recorded and readings computed, how level checks are made (21 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2140 Nike I, SAM Battalion, Orientation and Synchronization—Part II—Adjustment of the Optical System

Emplacement of main and elbow telescopes—Adjustment of telescopes on target—Hairline check—Alignment of antenna and telescope in parallel position (30 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2141 Nike I, SAM Battalion, Orientation and Synchronization—Part III—Collimation of the Tracking Radars

How tracking beams are aligned parallel to optical axis in azimuth—How optical axis is adjusted in elevation parallel to electronic axis (29 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2142 Nike I, SAM Battalion, Orientation and Synchronization—Part IV—Data Transmission Adjustments

Orienting tracking radars in azimuth and elevation—Orientation checks—Synchronization check of tracking radars (25 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2143 Nike I, SAM Battalion, Orientation and Synchronization—Part V—Parallax Corrections and Adjustments at the Launching Positioning Units (U)

(36 min—1956—Distribution Limited—Film Reference—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44–2144 Nike I, SAM Battalion, Battery Control Area—Part I—Emplacement and Preparation of the Tracking Radars

Positioning radars—Preparation for emplacement—Emplacement of lens assembly—Release of rf unit—Cross-leveling radar (16 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2145 Nike I, SAM Battalion, Battery Control Area—Part II—Assembly of the Radar Collimation Mast

Installation of rods and plates, base plate assembly, rigid waveguide sections, cross-arm assembly, boom assembly, target head assembly and flexible waveguide assembly (30 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

TF No.

44–2146 Nike I, SAM Battalion, Battery Control Area—Part III—Adjustment and Erection of the Radar Collimation Mast Assembly

Adjustment of target head assembly—Erection and final adjustment of collimation mast—Mounting of rf test set—Attachment of flexible waveguide (15 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2147 Nike I, SAM Battalion, Launching Area—Part I—Emplacement of the Launching Equipment

Emplacement of control and power cabinets, launcher control trailer, test responder unit, launcher sections and loading racks (28 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2148 Nike I, SAM Battalion, Launching Area—Part II—Installation and Checks of Launcher Equipment

Installation of equipment—Checks on launcher and missile power packs, elevation of launcher erecting arm, electrical lines and hydraulic system (24 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2149 Nike I, SAM Battalion, Launching Area—Part III—Reload Procedures and Drill for the Launcher-Loader

Lowering launcher—Disconnecting electrical connections—Emplacing new missile onto launcher—Securing rails and hydraulic and electrical connections—Elevating launcher and return to revetment (16 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2150 NIKE I SAM Battalion Preparation of the Missile—Part I—Uncrating, Fin Installation, and Pressure Tests (Revised version)

Uncrating—Depressurizing container—Removing missile—Tests on propulsion, air line, and hydraulic system—Installation of control, ailerons, and main fins (30 min—1955—FOR OFFICIAL USE ONLY—This film previously classified).

44–2151 Nike I, SAM Battalion, Preparation of the Missile—Part II—Missile Tests

Calibration of rf test set—Testing electrical circuits, command response and burst circuitry—Installing battery and pressurizing guidance section (10 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2152 NIKE I SAM Battalion, Preparation of the Missile—Part III—Booster Uncrating and Joining (Revised version)

Uncrating and positioning booster on transporting rail—Positioning missile for joining—Joining operation—Installation booster fin (25 min—1955—Film Reference—FOR OFFICIAL USE ONLY—This film was previously classified).

44–2153 Nike I, SAM Battalion, Preparation of the Missile—Part IV—Fuel Servicing

Moving missile and fuel servicer into position—Filling measuring can—Adjusting can and fuel temperatures—Fueling with JP–4 fuel—Safety measures (18 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

TF No.

44–2154 NIKE I SAM Battalion, Preparation of the Missile—Part V—Oxidizer Servicing (Revised version)

Servicing of missile with red fuming nitric acid oxidizer—Servicing procedure and prescribed safety precautions for personnel and equipment (21 min—1955—FOR OFFICIAL USE ONLY—Replaces classified film TF 44–2154, which is now obsolete).

44–2155 Nike I, SAM Battalion, Preparation of the Missile—Part VI—Warhead Installation

Steps in installing each section of the warhead system: nose warhead, center warhead, and aft warhead (32 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2156 Nike I, SAM Battalion, Preparation of the Missile—Part VII—Final Preparations

Installation of booster fins and booster igniter—Servicing with starter fluid—Connecting detonating cords to arming devices (24 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2157 Nike I, SAM Battalion, Preparation of the Missile—Part VIII—Routine Checks

Tests on: Dc power of launcher—Missile's battery voltage—Gyro present—Command response for roll, yaw, and pitch—Charge lamp—Air pressure (10 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44–2158 Nike I, SAM Battalion—Removal of Warheads

Removal of high pressure air and explosive components—Removal and storing of nose, center and aft warheads (26 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2161 Nike I, SAM Battalion, Procedures and Drill—Part I—Normal Conditions

Procedures necessary to engage the enemy—Activities in Battery, Radar, and Launcher control trailers—Preparation and firing of missile (21 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2162 Nike I, SAM Battalion, Procedures and Drill—Part II—Alternate Communication Procedures

How communication is carried on by radio, field wire, and telephone switchboards when cable systems and/or Launcher Control Trailer are not operable (34 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2163 Nike I SAM Battalion, Orientation and Synchronization—Part VI—Orientation of the Launcher Rail

How initial azimuth of launcher is determined and recorded to accomplish orientation (8 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44–2164 Nike I Underground Installation—Part I—Introduction

Advantages of underground installation—Layout—Automatic and manual operation of elevator and satellite launchers—Safety factors (29 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

TF No.

44-2165 Nike I Underground Installation—Part II Section Drill

Duties of section crew during the White Alert, Yellow Alert, Blue Alert, and Red Alert—Reload procedures illustrated (33 min—1956—FOR OFFICIAL USE ONLY—Film Reference).

44-2166 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part I—Acquisition Radar (U)

(18 min—1957—Film Reference—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2167 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part II—Target Tracking Radar

Preenergizing checks—Energizing and deenergizing procedure under normal conditions, and deenergizing in an emergency (12 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

44-2168 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part III—Missile Tracking Radar

Preenergizing checks—Ventilation and temperature control—Energizing and deenergizing during normal operation and deenergizing in an emergency (11 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

44-2169 NIKE AJAX Battery, Energizing and Deenergizing the Ground-Guidance Equipment—Part IV—Computer

Preenergizing checks—Ventilation and temperature control—Energizing procedure during normal operation—Deenergizing during normal and emergency operation (8 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

44-2170 NIKE AJAX Battery, The Ground-Guidance Equipment Operation of the Personnel Heating and Ventilating System

Proper operation and adjustment for the heating, cooling, and ventilating systems of the NIKE AJAX Trailers on AC power under normal conditions—During an emergency, the procedures for operating on batteries (9 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

44-2171 NIKE AJAX Battery, Emergency Energizing Checks and Adjustments—Part III—Computer (U)

(20 min—1958—Film Reference—Distribution limited to Army Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL—Modified Handling Authorized).

44-2172 NIKE AJAX Battery, Emergency Energizing Checks and Adjustments—Part I—Target Tracking Radar

Energizing the target tracking radar during emergency operation—Ventilation and temperature control, preliminary and emergency checks—Sum zero, angle sensitivity, collimation, noise balance, and range zero (17 min—1957—Film Reference—FOR OFFICIAL USE ONLY).

44-2173 NIKE AJAX Battery, Emergency Energizing Checks and Adjustments—Part II—Missile Tracking Radar (U)

(26 min—1957—Film Reference—Film is classified CONFIDENTIAL).

TF No.

44-2174 NIKE AJAX Multi-Channel Data Recorder—Part I—Operation

Describes function and operation of rcorder—Features and operation of components—Adjustments for operation—Loading, recording, and unloading tape record—Safety measures—Teaching points reviewed (34 min—1958—Film Reference—Film is FOR OFFICIAL USE ONLY).

44-2175 NIKE AJAX Multi-Channel Data Recorder—Part II—Tape Analysis (U)

This film is classified CONFIDENTIAL Modified Handling Authorized (34 min—1958).

44-2246 Nike I Missile Tests, Part I—Calibration of the RF Test Set (U)

(9 min—1956—Distribution primarily to central film and equipment exchanges in CONUS and OS and to film exchanges servicing appropriate service schools—Film Reference—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2247 Nike I, Missile Tests, Part II, Voltage Receiver Sensitivity, Power and Frequency Check (U)

(6 min—1956—Distribution limited—Film isclassified CONFIDENTIAL-Modified Handling Authorized)

44-2248 Nike I Missile Tests, Part III—Nonresponse to Adjacent Codes, Pattern Modulation, and Response Time (U)

(8 min—1956—Distribution to Army film and equipment exchanges in CONUS and OS—Film Reference—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2249 Nike I Missile Tests, Part IV-A—Measurement of Burst, Fail Safe Time, and Buzz Voltages (U)

(7 min—1956—Distribution primarily to central film and equipment exchanges in CONUS and OS and to film exchanges servicing appropriate service schools—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2250 Nike I Missile Tests, Part IV-B—Yaw and Pitch Servo Tests (U)

(8 min—1956—Distribution to Film and equipment exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2251 Nike I Missile Tests, Part V—Roll Servo Operation and Pressure Potentiometer Check (U)

(8 min—1956—Distribution to Army film and equipment exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2252 Nike I Missile Tests, Part VI—Precise Command and Internal Operation (U)

(7 min—1956—Distribution limited to film and equipment exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized).

44-2255 Nike I, SAM Battalion, Missile Defueling—Part I—Preparation for Defueling

Positioning booster trailer—Emplacement of handling dolly—Separating missile from booster—Emplacement and preparation of mis-

TF No.

sile—Removal of booster from area (15 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44-2256 Nike I, SAM Battalion, Missile Defueling—Part II—Removal of Starting Fluid and Oxidizer

Positioning and preparing missile for drainage—Removal of starting fluid—Draining of oxidizer—Removal of defueling equipment—Replacement of parts—Safety precautions underscored (30 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44-2257 Nike I, SAM Battalion, Missile Defueling—Part III—Removal of JP-4

Positioning and preparing missile for defueling—Defueling—Removal of defueling equipment—Replacement of parts—Returning missile to original form (10 min—1955—FOR OFFICIAL USE ONLY—Film Reference).

44-2340 Introduction to the IFF, Mark X—Identification or Friend of Foe (U)

(19 min—1957—Limited distribution to Army Film and Equipment Exchanges in CONUS and OS for loan to need-to-know audiences—Film is classified CONFIDENTIAL).

44-2359 The Skysweeper—Oreintation and Synchronization Known Datum Point Method

Collimation—Boresighting—Adjusting azimuth, scanner, computer, periscope range alinement of radar, target selector—Checking transmission (29 min—1956—Film Reference).

44-2360 The Skysweeper—Artillery Drill

Duties of crewmen—Preliminary drills—loading procedures—Radar operation, visual operation, and firing at surface targets—Stoppages—Unloading procedures (27 min—1958—Film Reference).

44-2528 Operation of the Skysweeper Radar

Features of components—Operating procedures—Energizing—Preoperative tests—Searching and tracking—Firing—Alternate ranging (36 min—1957—Film Reference).

44-2530 NIKE—Guardian of the Cities

Mission of NIKE in national defense—Organization of NIKE Battery Area; launching and firing of NIKE AJAX—Identification and designation of target—Features of NIKE HERCULES (15 min—1957).

44-2544 Effects of Electronic Countermeasures on Air Defense Radars

Purpose and principles behind radar jamming—How it is caused and recognized—How electronic and non-electronic jamming appears on radar scopes—Defense against each type (22 min—1958—Film Reference—Film is FOR OFFICIAL USE ONLY).

44-2545 NIKE AJAX Battery—Defense Against Electronic Countermeasures (U)

This film is classified CONFIDENTIAL-Modified Handling Authorized (27 min—1958).

44-2546 AAFCS M33 Defense Against Electronic Counter-Measures (U)

(24 min—1958—Distribution to Central Film and Equipment Exchanges in CONUS and OS—Film is classified CONFIDENTIAL-Modified Handling Authorized).

TF No.

44–2547 Skysweeper Radar System—Defense Against Electronic Countermeasures

Features of non-electronic and electronic jamming—Antijamming techniques applicable to each: Window, CW, CW Modulated, and Noise Modulated CW—Describes differentiations between jamming and local interferences (16 min—1958—Film Reference—Film is FOR OFFICAL USE ONLY).

44–2548 Surveillance Radar System AN/TPS–1D—Defense Against Electronic Countermeasures

Identification of all forms of non-electronic (Window) and electronic Transmission) jamming—Measures and techniques involved in counteracting each jamming condition—Importance of prompt reporting of jamming (18 min—1958—Film is FOR OFFICIAL USE ONLY).

44–2584 NIKE AJAX Battery—Orientation and Synchronization—Part III–A—Collimation of Tracking Antenna by Data Dial Method

What collimation means to radar—Energizing the radar—Adjusting position of electronic axis—Computing azimuth and elevation adjustment—Adjusting radar equipment and data dial—leveling telescope mount (25 min—1958—Film is FOR OFFICIAL USE ONLY).

46–2209 Basic Helicopter Flight Principles

Helicopter flight elements—Action of rotor blades—Gyroscopic precession laws—Torque (15 min—1956).

46–2210 Advanced Helicopter Flight Principles—Part I

Characteristics and movements of the rotor blades at various speeds and in fully articulated and semirigid types of rotor heads—Use of stabilizing and dampening devices (10 min—1956).

46–2211 Advanced Helicopter Flight Principles—Part II

Movements of air in relation to helicopter rotor systems—Effects of air movements on flight—Airflow patterns from take-off through flight, glide and landing (11 min—1956).

46–2336 Helicopter Post Flight Inspection—The H–19

Cockpit inspection with power off and power on—Aircraft interior and exterior inspection—Upper deck inspection—Use of standard forms (26 min—1957—Film Reference).

46–2337 Helicopter Post Flight Inspection—The H–21

Standard procedures of interior and exterior phases of inspection—Duties of each man of 4-man inspection team—Use of inspection work sheets (27 min—1956).

46–2338 Helicopter Post Flight Inspection—The H–34

Procedures and sequence of interior and exterior phases of inspection—Duties of each man on inspection team—Use of work sheets and DD Form 781–1 (26 min—1957—Film Reference).

46–2339 Helicopter Weight and Balance

Calculation of center of gravity limits, and weight and balance requirement—Problems of balance during flight, and liter loading and lateral balance—Use of ballast (25 min—1957—Film Reference).

TF No.

46–2381 Basic Helicopter Flight Training—Part I—Pilot's Pre-Flight Inspection

Features and components of H–13E—Checks on exterior and interior, controls, instruments, engine and rotors, starting and warm-up, use of inspection forms (27 min—1957—Film Reference).

46–2382 Primary Helicopter Flight Training—Part II—Primary Flight Maneuvers

Taxiing, take-off to hover, hovering flight, hovering autorotations, normal take-off and approach, no-flare autorotation, and shut-down of H–13 (22 min—1957—Film Reference).

46–2418 Intermediate Helicopter Flight Training—Part I—Take-off and Flight Procedures

Crabbing, slipping, cross-wind take-off, maximum performance take-off, running take-off, and rapid deceleration maneuver (17 min—1957—Film Reference).

46–2419 Intermediate Helicopter Flight Training—Part II—Autorotations

Hovering, no-flare autorotations, power recoveries, autorotation turns, flare autorotation, and autorotation with an antitorque failure (12 min—1957—Film Reference).

46–2420 Intermediate Helicopter Flight Training—Part III—Approach Procedures

Normal approach, cross wind approach, crabbing, slipping and hovering—Steep approach, shallow approach, and running landing techniques (8 min—1957—Film Reference).

46–2421 Advanced Helicopter Flight Training—Part I—Confined Area Operations

Landing and takeoff with relation to wind and turbulence, high and low reconnaissance, ground reconnaissance, pinnacle operation, contour approach, and road and slope operation (27 min—1957—Film Reference).

46–2422 Advanced Helicopter Flight Training—Part II—Emergencies and Critical Conditions

How to handle engine and anti-torque failure, ditching, fire, excessive forward and aft CG, carburetor icing, flight and landing with heavy loads, etc. (17 min—1957—Film Reference).

46–2423 Transitional Helicopter Flight Training—Part I—Transition to the H–19

Feature of the H–19—Preflight inspection—Cockpit inspection—Pretake-off check—Taxiing—Normal take-off—Take-off to hover—Hovering—Autorotations—Normal and steep approach—Engine shut-down (26 min—1957—Film Reference).

46–2554 Helicopter Orientation—Introduction to Helicopters

General introduction to rotary wing flight—Historical development from fifteenth century—Types of helicopters used by military service today—Basic helicopter flight principles—Civil and military uses (20 min—1958—Film Reference).

TF No.

55–1005 Military Stevedoring—Part II: Cargo Handling Gear, Basic Operation

Three basic movements of unloading—Vertical upward, horizontal, and vertical downward—Operation of winches in loading and unloading cargo—Topping the boom (15 min—1943—Film Reference).

55–1093 Military Stevedoring—Part III: Winches and Booms

Construction and operation of a winch—Hand motions for directing winch operators in loading and unloading cargo (18 min—1943—Film Reference).

55–1117 Military Stevedoring—Part IV: Drafts and Slings

Use of material-handling equipment—Advantages of each type of sling—Use of correct sling for safe handling and storage of cargo (16 min—1943—Film Reference).

55–1118 Military Stevedoring—Part V: Straps and (Transportation) Bridles

Use of straps and bridles—Correct method of attaching to various types of draughts—Method of handling draughts in a vertical position—Use of dunnage (14 min—1943—Film Reference).

55–1119 Military Stevedoring—Part VI: Vehicle Loading and Stowing

Loading jeeps, trucks, tanks, and locomotives aboard ship—Demonstrating the use of nets, straps, and dunnage for lifting—Use of soap, grease, and blocks to stow the vehicle (16 min—1943—Film Reference).

55–1478 Driving the Semitrailer

Checking procedure by driver before starting on a run—Safety—Protection of equipment—Backing the trailer up to a platform for loading and unloading (19 min—1948—Film Reference).

55–1551 Stevedoring—Part VIII: Expedients

Expedients to be resorted to in cases where repair facilities or replacement parts are not immediately available—Dead winches—Damaged cargo booms and hatches—Using handling equipment of vessels when alongside pier (14 min—1952—Film Reference).

55–1731 Railroad Safety

Safety in all phases of railroad work—Pointers for the train crew, right-of-way maintenance crews, and in maintenance and repair shops (34 min—1952—Film Reference).

55–1744 Stevedoring—Part VII: Heavy Lifts

Problems and proper techniques of handling military cargo of 5 tons and over—Rigging and operating jumbo booms—Slinging, lifting, steadying, lowering, bracing, and lashing heavy equipments—Equipment, crew, planning, safety precautions (21 min—1952—Film Reference).

55–1758 Beach and Port Clearance by Highway Transport

Planning and executing typical beach traffic circulation plan—Loading and dispatching supplies—Port clearance—Equipment and methods for handling and dispatching cargo and troops (17 min—1954—Film Reference).

TF No.

55–1812 Introduction to the Electric Winch

Illustrates major component parts of winch—Techniques employed in operation—Safety measures employed during operation (7 min—1953).

55–1918 Loads and Loading of General Transport Vehicles

Characteristics of the five types of military cargo transported via vehicle—Prescribed loading procedures for each—Emphasis on maximum authorized load, proper vehicle for given load, and safety precautions (18 min—1955).

55–2183 Why Battery Should Always Be Clean

Battery maintenance procedure to insure cleanliness and prevent engine failure caused by dirty batteries (6 min—1955—Film Reference).

55–2184 Why Engines are Governed

How governor on engine limits speed of engine at the point where it develops maximum horsepower—Relationship between horsepower and speed (5 min—1955—Film Reference).

55–2296 Subarctic Inland Waterways Navigation

Journey to carry out a combat mission defining arctic river characteristics, handling river craft, and safety factors (24 min—1956—Film Reference).

55–2308 Helicopter Maintenance—Part I—Helicopter Power Plants

Features, operation, installation, and maintenance of the six types of power plants used in helicopters—0335, R–975, R–1340, R–1820, and R–2800 engines (13 min—1957—Film Reference).

55–2309 Helicopter Maintenance—Part II—Transmissions and Free Wheeling Units

Features and operation of transmissions in H–13, H–19, H–21, and H–23—Features and operation of free wheeling units in H–13, H–19, H–21, H–23, and H–25 (16 min—1957—Film Reference).

55–2310 Helicopter Maintenance—Part III—Introduction to Power Trains

Function, major components, and operation of single rotor type power train in the H–19 and tandem rotor type found in the H–21 (15 min—1957—Film Reference).

55–2311 Helicopter Maintenance—Part IV—Supercharged Induction System

Describes fundamentals of engine operation under normal conditions—Function, design, and operations of supercharger in sea level and altitude engines—Test procedure for checking engine superchargers (16 min—1958—Film Reference).

55–2312 Helicopter Maintenance—Part V—Rotor Blade Inspection, Repair, and Tracking (H–19, H–34, H–37)

Covers main rotor and tail rotor blade cleaning and inspections—Types of blade damage—Limits of repair—Repairs and replacements—Blade tracking (33 min—1958—Film Reference).

55–2314 Helicopter Maintenance—Part VII—Hydraulic Flight Control Systems

Function and operation of each hydraulic component in the H–21—Variations in the H–19 and H–25 models—Maintenance instructions (15 min—1957—Film Reference).

TF No.

55-2316 Helicopter Maintenance—Part IX—Generator Systems Trouble Shooting

Operation of generator systems—Common causes of malfunctions—Test meter readings symptomatic of each trouble spot—Test Procedure—Use of Technical Order—Trouble spots traced and analyzed (22 min—1958—Film Reference).

55-2341 Characteristics and Check of Diving Helmet Valves and Attachments

Checks and adjustment of exhaust valve, non-return valve, and air control valve of the Mark V Standard Diving Helmet (4 min—1957—Reference).

55-2342 Dressing the Diver

Duties of diver's helpers—Laying out gear, helping diver into dress, securing gear, valves, and attachments, attaching air hose and life line (6 min—1957—Film Reference).

55-2343 Assisting the Diver

Duties of diver's attendants before and during descent, when diver reaches bottom, and during and after ascent (6 min—1957—Film Reference).

55-2344 Diving Dress Patches

Step-by-step procedures for patching a tear in the diving dress, and attaching cuffs to the sleeves (6 min—1957—Film Reference).

55-2345 Diving Procedure

Entrance into water, descending technique, coping with danger signs, checks and adjustment of equipment, moving and working on hard bottom, and searching technique (6 min—1957—Film Reference).

55-2348 The Motor Vehicle Driver—Traction Aids and the Winch

Methods and expedients to obtain traction in driving across sandy and muddy terrain—Use of winch to extricate trucks mired in mud (29 min—1957—Film Reference—Replaces TF 11-555 previously declared obsolete).

55-2364 Nomenclature of the Sextant

Components: frame, limb, index arm, index mark, micrometer drum, vernier, endless tangent screw, index mirror, horizon glass, and telescope—Correct manner of handling the instrument (4 min—1957—Film Reference).

55-2365 Sextant Adjustment

Steps for making the four necessary adjustments to assure accurate reading of the instrument (8 min—1957—Film Reference).

55-2366 Use of Loran

How Loran is operated to obtain time difference readings—How reading is used to plot ship position on the Loran chart (7 min—1956—Film Reference).

55-2367 Use of Radio Direction Finder

Operation of radio direction finder (RDF) to determine ship position between two locations—Determining kilocycle operation and true bearings of locations—Adjusting controls (6 min—1956—Film Reference).

TF No.

55–2368 Injector Timing for GM Diesel, Series 71, Using 70-mm, 80-mm, and 90-mm Injectors

Conditions that necessitate injector timing—Timing procedure, with particular attention given to proper use of timing tool J–1853—Adjustment of rocker arm assembly and injector timing (5 min—1956—Film Reference).

55–2369 Injector Rack Setting for GM Diesel Series 71 Engine

Procedure to insure adequate fuel for each cylinder—Adjusting buffer screw, placing injector on rack and adjusting, securing locking screws (4 min—1956—Film Reference).

55–2370 Use of Marlinespike

How it is used to splice wire rope—How it is held during splicing—How it is inserted and twisted to open each strand of wire—Safety precautions (3 min—1956—Film Reference).

55–2503 Ground Handling of Aircraft—Part I—Fixed Wing Aircraft

Manhandling, servicing, taxiing, and mooring, using the L–19 and L–23 for demonstration—Includes high wind procedure and safety precautions (23 min—1957—Film Reference).

55–2505 Ground Handling of Aircraft—Part II—Rotary Wing Aircraft

Procedures for manhandling, servicing, towing, mooring, high-wind procedure, safety precautions, and hand signals to direct movement (21 min—1957—Film Reference).

55–2556 Cleaning and Testing the K Brake (Railway)

Removal from freight car truck—Disassembly, servicing, cleaning, drying, reassembly of parts—Testing in accordance with approved code tests (8 min—1958—Film Reference—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

55–2557 Automotive Preventive Maintenance, After Operation

Checks are made on fuel, oil, and coolant—Cleaning vehicles—Checks for damage and leaks—Inspection of tires and safety devices—Checks springs, tarpaulins, and vehicle tools (7 min—1958—Film Reference).

55–2558 Automotive Preventive Maintenance, Before the Operation

Checks are made by driver for damage or pilferage, leaks, fuel, oil, coolant levels, proper tire pressure, engine operation, instruments, safety devices, vehicle tools, and required vehicle publications (7 min—1958—Film Reference).

55–2559 Automotive Preventive Maintenance—During the Operation and at the Halt

During operation, the operator checks the functioning of the brake, steering wheel, and instrument panel—At halt, the operator checks his vehicle to determine and correct deficiencies, giving attention to fuel, tires, and engine—Tarpaulin and cargo are checked (6 min—1958—Film Reference).

55–2560 Operation of the GM Unit Injectors

Construction and operation of unit—Functions, location, and operation of main working parts—Flow of fuel through unit to engine—Stress on cleanliness and proper maintenance (4 min—1958).

TF No.

55–2573 Rigging the Flaps, L–23 Aircraft

Location and type of flaps on L–23—Use of external power unit for rigging—Method of actuating flaps—Means of establishing and maintaining proper flap settings—Flap operation check (5 min—1958—Film Reference).

55–2574 Installation of the L–23 Main Landing Gear

Jacking aircraft—Cleaning, lubricating, and aligning parts—Installation of bolts and cotter pins—Securing wiring, safety switch box, brake line hose and fittings—Inspection of brake lines—Retraction test—Recheck of safety switch box adjustment (4 min—1958—Film Reference).

55–2575 Removal of the L–23 Main Landing Gear

Jacking the aircraft—disconnecting brake lines—Draining and storing hydraulic fluid—Removing safety switch block and main landing gear—Precautions are stressed for safety and cleanliness (5 min—1958—Film Reference).

55–2576 Installation of the L–23 Outer Wing Panel

Inspection of fittings, tubings, and buckles—Positioning wing panel—Installing washers, electric wiring, fuel lines, cables, augmentor tube—Checking lights—Use of Dash 2 Maintenance Handbook (4 min—1958—Film Reference).

55–2577 Removal of the L–23 Outer Wing Panel

Construction of the L–23 wing—Draining fuel tanks—Disconnecting cables, fuel line, wiring, drive shaft, fuel and deicer tubes—Removing junction box and wing bolts—Removing and placing panel—Tagging parts for identification (5 min—1958—Film Reference).

55–2578 Removal of the L–23 Nose Landing Gear

Jacking the aircraft—Removing fuselage nose comb—Disconnecting drag brace, nose wheel steering link, and pivot bolt—Removing nose gear—Stress on safety measures (4 min—1958—Film Reference).

100–1726 Mission of the Army

Functions of the various arms and services—Emphasizing combat activities and teamwork (22 min—1953).

629–1027 Hand-to-hand Combat

Different basic handholds, locks, leverages, and how to break them—Locks chancery against frontal attacks and defense against clubs and knives—Prisoner control tactics, searching prisoners, disarming assailants with bayoneted rifles (48 min—1943—Film Reference—From Navy Film MN 1027).

61. World Affairs Films

These films deal with significant world problems, featuring prominent military and civilian guest speakers who are specialists in the

subjects under discussion. World Affairs (WA) Films will replace Officers' Conference (OC) Films.

WA No.

1 Can the U.N. Maintain the Peace?

Dr. Ralph J. Bunche discusses the vital question with students from the National War College (29 min—1957).

2 World Affairs—The Wounded Bear Theory with Daniel L. Schorr

Mr. Daniel L. Schorr, American correspondent for CBS in Moscow, explains the Soviet attitude with regard to her domestic and foreign policy (40 min—1957).

3 World Affairs—The Peaceful Atom

Admiral Lewis L. Strauss explains the AEC emphasis on peaceful applications of nuclear energy for national and world welfare (51 min—1957).

4 World Affairs—How Healthy is NATO?

General Alfred M. Gruenther discusses the political and military strength of NATO with members of the National War College (39 min—1957).

5 World Affairs—The Middle East Problem with Dr. Charles Malik

Dr. Malik defines the role of Lebanon in the Middle East, and comments on President Eisenhower's new Middle East Policy (46 min—1957).

6 The Vice President of the United States—America's World Responsibilities

Vice President Nixon discusses America's role as a world leader—Diplomatic relations with Soviet Union—U.S. policy toward allies and neutrals—Problems of disarmament and defense—How large a defense budget American people should support (43 min—1958).

7 American Economy, The

Dr. Gabriel Hauge, Special Assistant to President Eisenhower for Economic Affairs, reviews various facets of the nation's economy in terms of domestic and international significance—Optimistic observations of the current economic status are expressed (38 min—1958).

62. Film Strips

Film strips (FS) are used for training and contain approved Department of the Army doctrine. Like training films, they deal with specific topics and are intended for use at a definite time and place in the training program.

FS No.

2–21 Combat Methods of Small Units—The Squad Acting Alone
(1943).

2–23 Simple Land Navigation for Combat Vehicles
(1943—Film Reference).

2–26 Employment of Small Automatic Weapons
(1943—Film Reference).

3–32 Identification of Chemical Munitions
(1945—Color).

3–35 Portable Flame Thrower M2–2—Part III: Pressure Charging
(1945).

FS No.

3–39 Portable Flame Thrower M2–2—Part IV: Filling by Pressure, Using Fuel Filling Kit M10
(1945—Film Reference).

4–15 Fire Control and Position Finding, Antiaircraft Artillery—Part I: Elements of Data
(1942—Film Reference).

4–16 Antiaircraft Guns and Accessories—Part II: 90-mm Antiaircraft Gun—Section I: Main Elements Except Breech Mechanism and Related Parts
(1942—Film Reference).

4–33 Orientation—Part I: General
(1943).

4–34 Orientation—Part II: Instruments
(1943).

4–37 Orientation—Part V: Azimuth Determination—Approximate methods—Elementary Astronomy
(1943).

4–38 Orientation—Part VI: Stellar Observation, Northern Hemisphere
(1943).

4–39 Orientation—Part VII: Azimuth Determination by Solar Observation
(1944).

4–40 Orientation—Part VIII: Stellar Observation, Southern Hemisphere
(1943).

4–67 Direct Fire Sights for Antiaircraft Guns—Part I: Theory of Leads
(1943).

4–110 Direct Fire Sights for Antiaircraft Guns—Part II: Description and Nomenclature
(1943).

4–113 Direct Fire Sights for Antiaircraft Guns—Part III: Aiming and Orientation
(1944).

4–126 The Directors M9 and M10—Part I: Introduction
(1943—For use only in training National Guard Units and foreign armies, not for training active Army).

4–137 The Directors M9 and M10—Part II: Nomenclature
(1943).

4–140 Direct Fire Control for Automatic Weapons—Part III: Tracer Observation
(1943).

4–141 Antiaircraft Artillery Guns and Accessories—Part III: 90-mm AA Gun on M2 Mount
(1943).

4–143 The Directors M9 and M10—Part III: Adjustments
(1943—For use only in training National Guard Units and foreign armies, not in training active Army).

4–144 Antiaircraft Artillery Guns and Accessories—Part V: The 90-mm AA Gun on the M2 Mount
(1943).

4–149 Antiaircraft Artillery Ammunition—Part I: General Handling and Cal .50 Ammunition
(1943).

FS No.

4–153 Antiaircraft Artillery Multiple Gun Mounts—Part III: The Multiple Cal .50 Machine Gun Mount M45—General Description
(1943).

4–154 Antiaircraft Artillery Multiple Gun Mounts—Part IV: The Multiple Cal .50 Machine Gun Mount M45—Assembly and Operation
(1944).

4–157 Harbor Defense Searchlights and Power Plants—Part V: Fixed Searchlights—Section I: Nomenclature and Function
(1943).

4–158 Harbor Defense Searchlights and Power Plants—Part V: Fixed Searchlights—Section II: Care and Maintenance
(1943).

4–160 Antiaircraft Artillery Guns and Accessories—Part IV: The 90-mm AA Gun on the M2 Mount—Leveling Mechanism
(1943).

4–175 Barrage Balloon Lethal Devices—Part III: Double Parachute Arming for VLA Balloons
(1944).

4–180 Antiaircraft Artillery Guns and Accessories—Part VII: The 120-mm (4.7-inch) AA Gun on the M1 Mount
(1944).

4–181 The Medium Tractor M4—Part I: Operation
(1944).

4–196 Antiaircraft Artillery Gun and Accessories—Part VI: The 120-mm (4.7-inch) AA Gun and M1 Mount
(1944).

4–200 Field Fortifications for Antiaircraft Artillery—Part I: Basic Principles
(1944).

4–201 Field Fortifications for Antiaircraft Artillery—Part II: Automatic Weapons
(1944).

4–202 Field Fortifications for Antiaircraft Artillery—Part III: Guns
(1944).

4–204 Antiaircraft Artillery Ammunition—Part III: Ammunition for AA Guns
(1944).

4–206 Antiaircraft Artillery Guns and Accessories—Part VIII: The 120-mm (4.7-inch) AA Gun on the M1 Mount
(1944).

4–222 The Radio Set SCR–584—Part I: Exterior General Description and Nomenclature
(1944).

4–225 The Radio Set SCR–584—Part II: Description and Nomenclature, Interior
(1944).

4–251 Antiaircraft Artillery Fire Control and Position Finding—Part XI: Parallax Corrections
(1944).

4–254 Antiaircraft Artillery Guns and Accessories—Part IX: The 120-mm (4.7-inch) AA Gun on the M1 Mount—Fuze Setter and Power Rammer
(1944).

FS No.

4–255 Direct Fire Sights, For Antiaircraft Guns—Part IV: Firing and Adjustment
(1944).

4–262 Fire Controls and Position Finding—Part XIV: Ballistic Corrections for the M9 and M10 Directors
(1944).

5–18 Rigging—Part III: Practical Installations
(1944).

5–20 Rigging—Part II: Knots
(1944).

5–21 Wire Entanglements—Part I: Materials and Methods of Handling
(1944).

5–22 Rigging—Part I: Rope and Lashings
(1943).

5–31 Assault Boats
(1943).

5–42 Care and Servicing of Wire Rope
(1944).

5–43 Use of Wire Rope
(1944).

5–49 The Engineer Tractor Crane (M20–Le Tourneau)
(1944).

5–50 The Carry-all Scraper
(1944).

5–54 Bridge Reconnaissance
(1944).

5–55 Road Reconnaissance
(1944).

5–56 Care and Maintenance of Steam Boiler Plants
(1944—Sound).

5–58 US Army No. 1 Space Heater—Care and Firing
(1944—Sound).

5–64 Model D–7—Operator's Preventive Maintenance
(1945).

5–65 D–7 Tractor—Flywheel Clutch Maintenance
(1945).

5–67 Individual Camouflage and Concealment
(1946—Color).

5–69 Safety Precautions in Handling Explosives and Demolitions
(1945).

5–72 Floating Bridge M5—Part I: Equipment and Launching of Pontons
(1945).

5–73 Floating Bridge M3—Part II: Assembly of End Sections and Raft Sections
(1945).

5–74 Floating Bridge M4—Part III: Construction
(1945).

5–75 Floating Bridge M4—Part IV: Rafting
(1945).

5–76 Surveying—Measuring and Leveling
(1945).

5–77 Surveying—Traversing
(1954).

FS No.

5–78 Surveying—Building and Utility Lay-Out
(1945).

5–80 Grader, Caterpillar, Diesel—Part I: Operating Instructions
(1946).

5–81 Grader, Caterpillar, Diesel—Part II: Operator's Preventive Maintenance
(9146).

5–83 Preparation of Native Timber for Bridge Construction (1946—Sound).

5–91 Maintenance of Bituminous Surfaces
(1947—Sound).

5–94 Concrete Construction
(1947—Sound).

5–97 Culvert Construction
(1950).

5–105 Soils
(25 min—1953—Sound).

5–106 Soil Identification and Testing—Part I—Field Identification and Soil Sampling
(19 min—1953—Sound).

5–107 Use of Field Decoy Installations
(12 min—1952—Sound—Film Reference).

5–108 Portable Water Purification Equipment
(1952—Sound).

5–116 Loading Heavy Equipment in Aircraft

Review of aircraft and loading methods used during World War II are presented—Cargo aircraft and loading techniques used today—Weight and balance factors for safe transport—Features and capabilities of C–119, C–123, and C–124—Steps and calculations required for proper placement of loads (28 min—1958—Sound—Distribution limited to Central Film and Equipment Exchanges and Service Schools).

5–117 Soil Identification and Testing, Part II—Laboratory Testing
(24 min—1956—Sound).

5–118 US Antipersonnel Mine M14
(10 min—1954—Sound—Color).

5–119 U.S. Heavy Antitank Mine M15

Discusses the features, use, and operation of the M15—Procedures for installing, arming, activating, and neutralizing the mine—Safety precautions—10 min—1958—Sound).

5–120 Soviet TM–41 Antitank Mine

Features, functioning, and employment of the TM–41—Procedures for arming and neutralizing—Safety precautions stressed (6 min—1957—Color—Sound).

5–121 Soviet TMD–B Wooden Box Mine

Features, functioning, and employment of the mine—Procedures for arming, activating, proper laying and camouflaging, and placement for antipersonnel use—Neutralizing—Safety measures in handling and detecting (10 min—1958—Color—Sound).

FS No.

5–134 Russian Mines and Igniters—Individual Mechanisms and Disarming Procedure

(1954—From British Army Film Strip 7036).

5–135 Demolitions—Calculation and Placement of Charges

Steel cutting, timber cutting, pressure charge, breaching charge, and cratering formulas; placing steel cutting and timber cutting charges (18 min—1957—Sound).

5–136 Land Mines and Fuzes, General (GTA 5–19)

(1955).

5–137 Soviet Land Mines, Fuzes and Booby Traps (GTA 5–25)

(1955)

5–139 M–19 Antitank Non-Metallic Mine

Features and use in combat—Features, location, and operation of major components—Procedures for arming, activating, laying and camouflaging, neutralizing, and lifting it from the ground—Safety measures to be observed in handling mine (10 min—1958—Sound).

5–144 Aluminum Floating Footbridge

Features, use, and construction details—Preparation of bridge site, installation of anchor cables, bays, treadways, posts, lines, and approach span (11 min—1957—Sound—Replaces FS 5–29 previously declared obsolete).

5–147 Air Compressor 210 CFM

Internal operation of air compressor defining principles of single snd two-stage air compressor—Before and after operation services—Operation with pneumatic tools—Use and operation of major pneumatic tools (13 min—1958—Sound—Replaces FS 5–17 previously declared obsolete in MFIB No. 99).

5–154 Fixed Bridge Maintenance—Part I—Non-standard Bridges

Film reviews causes and types of bridge deterioration—Basic rules for bridge maintenance—Methods, material, and procedures for maintaining timber, steel, concrete and masonry-arch bridges (10 min—1958—Sound).

6–22 Field Artillery Ammunition—Part III: Handling

(1943).

6–24 Field Artillery Ammunition—Part V: Fuzes

(1943).

6–32 The 105-mm Howitzer M2—Part II: Mechanical Functioning

(1943).

6–39 The 105-mm Howitzer M2—Part III: Authorized Disassemblies

(First Echelon) (1943).

6–42 Direct Laying with the 105-mm Howitzer

(1944).

6–45 Sensing of Field Artillery Fire

(1943).

6–46 The 75-mm Howitzers M1 and M8—Part I: Description and Characteristics

(1943).

6–47 The 75-mm Howitzers M1 and M8—Part II: Mechanical Functioning

(1943).

FS No.

6–50 Sighting and Laying Equipment—Tests and Adjustments—155-mm Gun M1 and 8-inch Howitzer M1
(1944).

6–61 Panoramic Sketching (1944—Instructor's Notes).

6–63 The 8-inch Howitzer M1 and the 155-mm Gun M1—Part I: Description and Charateristics
(1944).

6–65 The 8-inch Howitzer M1 and the 155-mm Gun M1—Part II: Mechanical Functioning
(1944).

6–66 The 8-inch Howitzer M1 and 155-mm Gun M1—Part III: Authorized Disassemblies
(1944).

6–76 Direct Laying with the 155-mm Howitzer M1A1
(1945).

7–18 Pitching and Striking the Pyramidal Tent
(1942—Film Reference).

7–19 Pitching and Striking the Wall Tent
(1942).

7–22 Pitching and Striking the Latrine Screen
(1952—Film Reference).

7–39 Rifle Marksmanship, Range Practice, US Rifle, Cal .30, M1—Part I: Safety Precautions
(1942—Film Reference).

7–106 The Browning Automatic Rifle, Cal .30, M1918A2—Part II: Mechanical Training—Operation
(1943—Film Reference).

7–115 The Browning Automatic Rifle, Cal .30, M1918A2—Part III: Care and Cleaning
(1943—Film Reference).

7–127 Pitching and Striking the Squad Tent M1942
(1944—Film Reference).

7–135 Stream Crossing Expedients—Part I: Improvised Flotation Methods
(1943—Film Reference).

7–150 Air Ground Visual Communications—Part II: Communications with Friendly Airplanes by Panel
(1944).

7–154 The Browning Machine Gun, Cal .30, M1919A6
(1944—Film Reference).

7–158 The 75-mm Rifle M20—Part I: Mechanical Training—Part II: Functioning, Stoppage, and Immediate Action—Part III: Ammunition, Mountings, Sights and Fire Control—Part IV: Boresighting, Direct and Indirect Fire Sights—Part V: Marksmanship and Technique of Fire
(1951).

7–159 The Browning Automatic Rifle Caliber .30, M1918A2—Stoppages and Immediate Action
(20 min—1955—Sound—Film Reference).

7–163 Theory of Target Grid System (GTA 7–5)
(1955—Film Reference).

7–164 57-mm Rifle, M18A1—Part I—Mechanical Training
(1956—Film Reference).

FS No.

7–167 57-mm Rifle, M18A1—Part II—Functioning, Stoppages, Immediate Action, and Restoration of Balance
(1956—Film Reference).

7–168 57-mm Rifle, M18A1—Part III—Ammunition, Mounts, Fire Control Instruments, Subcaliber Device and Boresighting
(1956—Film Reference).

7–169 57-mm Rifle, M18A1—Part IV—Marksmanship and technique of Fire
(1956—Film Reference).

8–71 First Aid—Transportation of Casualties
(1943—Film Reference).

8–79 Anatomy and Physiology
(1944—Color).

8–81 Ward Management and Nursing—Part I: Ward Management, Temperature, Pulse, Respiration, Bed Making, and Bathing
(1944).

8–85 Physical Therapy in the Treatment of Amputations—Part I: Massage, Exercise, and Bandaging
(1945).

8–96 WAC Physical Fitness
(1944—Sound).

8–99 Applying the Army Leg Splints
(1945—Film Reference).

8–100 Diseases of the Mouth
(1945—Color—Film Reference).

8–101 Bandaging—Part I: Triangular Bandage
(1945—Film Reference).

8–102 Bandaging—Part II: Roller Bandages
(1945—Film Reference).

8–105 Pitching and Striking the Sectional Hospital Tent
(1947—Sound).

8–106 Smallpox Vaccination
(1947—Color—Sound).

8–111 Spread and Prevention of Trichinosis
(1948—Commercial Adaptation).

8–113 Dermatology and Syphilology—Part I—Distribution Patterns of Lesions in the Diagnosis of Skin Diseases
(15 min—1956—Color—Sound).

8–114 Dermatology and Syphilology—Part II—The Sweat Glands in Health and Disease

Normal and abnormal functioning of the eccrine and apocrine sweat glands—Causes, symptoms, and treatment of hyperhidrosis and anhidrosis—Malaria (18 min—1957—Color—Sound—Distribution to central film and Equipment Exchanges in CONUS and OS).

8–115 Dermatology and Syphilology—Part III—Bacterial Skin Infections

Symptoms and treatment of primary and secondary infections—Impetigo, carbuncle, skin ulcers, cutaneous diphtheria—Secondary infections of hands, feet, face, and ears (18 min—1957—Color—Sound—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

FS No.

8–116 Dermatology and Syphilology—Part IV—Dermatitis and Allergy
Causative agents, symptoms, treatment and prevention of non-allergic dermatitis and allergic contact dermatitis dermal and epidermal sensitization (18 min—1957—Color—Sound—Distribution to Central Film and Equipment Exchanges in CONUS and OS).

8–117 Dermatology and Syphilology—Part V—Superficial Fungus Infection
Study of ringworm (Tinea) and Tinea Versicolor—Morphology and mycology, clinical diagnosis, and prescribed treatment (18 min—1957—Color—Sound—Distribution primarily to Central Film and Equipment Exchanges).

8–122 Clinical Ophthalmoscopy (Normal Fundus, Development and Senile Changes, Anemia, Polycythemia)
(Sound—Color—1951).

8–123 Clinical Ophthalmoscopy (Thrombosis, Embolism, Arteriosclerosis, Hypertension)
(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

8–124 Clinical Ophthalmoscopy (Nephritis, Diabetes, Muscular Degeneration)
(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

8–125 Clinical Opthalmoscopy (Retinochoroiditis, Tumor)
(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

8–126 Clinical Ophthalmoscopy (Primary Retinal Degeneration, Angioid Streaks, Diseases of the Optic Nerve)
(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

8–127 Clinical Ophthalmoscopy (Glaucoma, Trauma)
(Sound—Color—Authorized for use by armed forces and civilian reserve units only—1951).

8–129 Anatomy and Physiology—The Muscular System
(11 min—1954—Sound—Color).

8–130 Anatomy and Physiology—The Endocrine System
(15 min—1953—Sound—Color).

8–131 Anatomy and Physiology—The Skeletal System
(21 min—1955—Sound—Color).

8–132 Anatomy and Physiology—The Lymphatic System
(8 min—1953—Sound—Color).

8–133 Anatomy and Physiology—The Urinary System
(9 min—1956—Sound—Color—Film Reference).

8–134 Anatomy and Physiology—The Digestive System
(13 min—1952—Color).

8–136 Anatomy and Physiology—The Male Reproductive System
(9 min—1953—Color—Sound).

8–138 The Surgical Dressing Carriage
(15 min—1955—Sound).

8–148 Important Diseases Common to the Tropics
(1951—Color—Film Reference).

8–154 Anatomy and Physiology—The Respiratory System
(12 min—1953—Color).

FS No.

8–184 Medical Certification of Causes of Death
(1952—Sound—Commercial Adaptation).

8–185 Dental Kit, Emergency Field
(6 min—1954—Sound—Commercial Adaptation).

8–187 Medical Kit, Individual
(14 min—1954—Sound—Film Reference).

8–188 Dressing, First Aid, Individual
(7 min—1955—Sound).

8–191 Snake Bite Kit, Suction, in Plastic Carrying Case
(11 min—1954—Sound).

8–194 Motor Vehicle First Aid Kit
(10 min—1954—Sound).

8–195 Shell Egg Grading
(22 min—1956—Color—Sound).

8–197 Poultry Inspection
(27 min—1954—Sound—Film Reference).

8–198 Technique and Sites for Subcutaneous and Intramuscular Injections
(31 min—1954—Sound).

8–207 Fish Inspection—Part One—North Atlantic Fish
(7 min—1956—Color—Sound).

8–208 Food Inspection—Oysters
(15 min—1954—Sound).

8–242 Veterinary Surveillance Inspection of Perishable Subsistence
Class 5, 6, 7, and 9 inspections of chilled and frozen foods—Causes of deterioration of frozen foods and chilled products—Requirements for commercial and post storage plants—Daily inspections of warehouse conditions to prevent spoilage (21 min—1958—Color—Sound).

9–20 The US Rifle, Cal .30, M1—Part I: Disassembly and Assembly
(1943—Film Reference).

9–24 The Browning Machine Gun, Cal .50, M2—Part I: Disassembly and Assembly
(1942—Film Reference).

9–48 Cadillac Engine, Disassembly and Assembly—Part II: Replacement of Subassemblies
(1943—Film Reference).

9–49 Cadillac Engine, Disassembly and Assembly—Part III: Disassembly of Cylinder Block
(1943—Film Reference).

9–50 Cadillac Engine, Disassembly and Assembly—Part IV: Assembly of Cylinder Block
(1943—Film Reference).

9–51 Cadillac Engine, Disassembly and Assembly—Part V: Disassembly and Assembly of Starter and Generator
(1943—Film Reference).

9–52 Cadillac Engine, Disassembly and Assembly—Part VI: Disassembly and Assembly of Distributor Support
(1943—Film Reference).

9–53 Cadillac Engine, Disassembly and Assembly—Part VII: Disassembly and Assembly of Subassemblies, Fuel Pump, Oil Pump, Water Pump, Fan, and Piston
(1943—Film Reference).

FS No.

9–55 Power Train for Tank M4, Disassembly and Assembly—Part I: Disassembly of Power Train into Major Subassemblies
(1943—Film Reference).

9–56 Power Train for Tank M4, Disassembly and Assembly—Part II: Disassembly and Assembly of Differential Carrier Assembly
(1943—Film Reference).

9–57 Power Train for Tank M4, Disassembly and Assembly—Part III: Disassembly and Assembly of Differential
(1943—Film Reference).

9–58 Power Train for Tank M4, Disassembly and Assembly—Part IV: Disassembly and Assembly of Final Drive Assembly
(1943—Film Reference).

9–59 Power Train for Tank M4, Disassembly and Assembly—Part V: Disassembly of Transmission
(1943—Film Reference).

9–60 Power Train for Tank M4, Disassembly and Assembly—Part VI: Disassembly of Transmission
(1943—Film Reference).

9–61 Power Train for Tank M4, Disassembly and Assembly—Part VII: Assembly of Transmission
(1943—Film Reference).

9–62 Power Train for Tank M4, Disassembly and Assembly—Part VIII: Disassembly and Assembly of Input Shaft and Countershaft
(1943—Film Reference).

9–63 Power Train for Tank M4, Disassembly and Assembly—Part IX: Disassembly and Assembly of Output Shaft
(1943—Film Reference).

9–64 Power Train for Tank M4, Disassembly and Assembly—Part X: Disassembly and Assembly of Transmission Subassemblies
(1943—Film Reference).

9–85 The 60-mm Mortar M2 and Mount—Part I: Disassembly and Assembly
(1943).

9–86 The 60-mm Mortar M2 and Mount—Part II: Disassembly and Assembly
(1943).

9–89 The Browning Automatic Rifle, Cal .30, M1918A2 and Bipod M1918A2, Disassembly and Assembly—Part I: Disassembly and Assembly of Bipod, Stock Rest, Magazine, and Trigger Guard
(1943).

9–91 The Browning Automatic Rifle, Cal .30, M1918A2 and Bipod M1918A2, Disassembly and Assembly—Part III: Disassembly and Assembly of Butt Plate and Sight Groups
(1943).

9–92 The Browning Automatic Rifle, Cal .30, M1918A2 and Bipod M1918A2, Disassembly and Assembly—Part IV: Removal of Parts without Disassembly, Inspection and Gaging
(1943).

9–93 The Browning Machine Gun, Cal .30, M1917A1, Disassembly, Assembly, Inspection, and Gaging—Part I: Disassembly of Major Groups from and Assembly to the Weapon
(1943).

FS No.

9–94 **The Browning Machine Gun, Cal .30, M1917A1, Disassembly, Assembly, Inspection, and Gaging—Part II: Disassembly and Assembly of Back Plate Group, Bolt Group, Block Frame Assembly, Barrel Extension**
(1943).

9–95 **The Browning Machine Gun, Cal .30, M1917A1, Disassembly, Assembly, Inspection, and Gaging—Part III: Disassembly and Assembly of Cover Group, Rear Sight Group, the Receiver, and Water Jacket**
(1943).

9–96 **The Browning Machine Gun, Cal .30, M1917A1, Disassembly, Assembly, Inspection, and Gaging—Part IV: Inspection and Gaging Bolt Group**
(1943).

9–102 **The Howitzer, Pack, 75–mm, M1A1, and Carriage, Howitzer, M3A1, Disassembly and Assembly Inspection—Part V: Inspection of Recoil Mechanism**
(1943).

9–120 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part I: Removing the Gun and Cradle**
(1943).

9–121 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part II: Removing the Carriage, Limber, Bogie, and Train**
(1943).

9–122 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part III: Disassembly of the Breech Mechanism**
(1943).

9–123 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part IV: Disassembly of the Top Carriage**
(1943).

9–124 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part V: Disassembly of the Trunnions**
(1943).

9–125 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VI: Disassembly of the Replenisher and of the Variable Recoil Mechanism**
(1943).

9–126 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VIII: Disassembly of the Bogie**
(1943).

9–127 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part VIII: Disassembly of the Bogie**
(1943).

9–128 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part IX: Disassembly of the Heavy Carriage Limber M2**
(1943).

9–129 **The 155-mm Gun, M1A1, and Gun Carriage M1, Disassembly and Assembly—Part X: Disassembly of the Carriage Air Line and the Emergency Relay Valve**
(1943).

9–138 **The US Rifle, Cal .30, M1—Inspection**
(1943).

FS No.

9–139 The US Rifle, Cal .30, M1, Maintenance and Repair—Part I
(1943).

9–140 The US Rifle, Cal .30, M1, Maintenance and Repair—Part II
(1943).

9–142 The Browning Automatic Rifle, Cal .30, M1918A2, Maintenance and Repair—Part I
(1943).

9–143 The Browning Automatic Rifle, Cal .30, M1918A2, Maintenance and Repair—Part II
(1943).

9–152 The Browning Machine Gun, Cal .50, M2, Inspection and Gaging—Part I
(1943).

9–153 The Browning Machine Gun, Cal .50, M2, Inspection and Gaging—Part II
(1943).

9–155 The Carbine, Cal .30, M1—Inspection
(1943).

9–158 Bomb Reconnaissance—Part I: Diagnosis of Exploded Bombs
(1944).

9–166 Tire Maintenance—Part II: Retreading
(1943).

9–174 The Browning Automatic Rifle, Cal .30, M1918A2, Inspection and Gaging—Part I
(1943).

9–175 The Browning Automatic Rifle, Cal .30, M1918A2, Inspection and Gaging—Part II
(1943).

9–176 The Tire Maintenance—Part III: First Echelon Maintenance
(1943).

9–212 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Preventive Maintenance, First Echelon—Part I
(1944).

9–213 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Preventive Maintenance, First Echelon—Part II
(1944).

9–214 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Preventive Maintenance, First Echelon—Part III
(1944).

9–215 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Preventive Maintenance, First Echelon—Part IV
(1944).

9–216 Truck, Amphibian, 2½-ton, 6 x 6, DUKW–353, Preventive Maintenance, Second Echelon, Part I
(1944).

9–217 Truck, Amphibian, 2½-ton, 6 x 6, DUKW–353, Preventive Maintenance, Second Echelon—Part II
(1944).

9–218 Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Engine Removal—Part I
(1944).

FS No.

9–219 **Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Engine Removal—Part II**
(1944).

9–220 **Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Removal of Major Units—Part I**
(1944).

9–221 **Truck, Amphibian, 2½-ton, 6 x 6, GMC, DUKW–353, Removal of Major Units—Part II**
(1944).

9–222 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, Before-operation Service—Part I**
(1944).

9–223 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, Before-operation Service—Part II**
(1944).

9–224 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, Before-operation Service—Part III**
(1944).

9–225 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, During-operation Service—Part I**
(1944).

9–226 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, During-operation Service—Part II**
(1944).

9–227 **The 75-mm Pack Howitzer, M1A1, and Carriages, M1, M8, and M3A3—Ordnance Maintenance and Repair**
(1944).

9–228 **The 75-mm Tank Gun, M3 and Combination Mount M34—Ordnance Maintenance and Repair**
(1944).

9–233 **The Ignition High-tension Circuit Tester, Ordnance Care and Use—Part I**
(9144).

9–234 **The Ignition High-tension Circuit Tester, Ordnance Care and Use—Part II**
(1944).

9–235 **The Ignition High-tension Circuit Tester, Ordnance Care and Use—Part III**
(1944).

9–238 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, After-operation and Weekly Service—Part I**
(1944).

9–239 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, After-operation and Weekly Service—Part II**
(1944).

9–240 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, After-operation and Weekly Service—Part III**
(1944).

9–241 **Preventive Maintenance, Automotive Wheeled Vehicles, First Echelon Driver, After-operation and Weekly Service—Part IV**
(1944).

9–244 **The Wood Cargo Body, Ordnance Maintenance and Repair—Part III**
(1944).

FS No.

9–251 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part I: Lubrication**
(1944).

9–252 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part II: Lubrication**
(1944).

9–253 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part III: Lubrication**
(1944).

9–254 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part IV: Lubrication**
(1944).

9–260 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part V: Engine**
(1945).

9–261 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part VI: Engine**
(1944).

9–262 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part VII: Battery and Generator**
(1944).

9–263 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part VIII: Cooling System, Radiator, Water Pump, Fan, and Shroud**
(1944).

9–264 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part IX: Lamps and Reflectors**
(1945).

9–265 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part X: Clutch, Transmission, Power Take-Off, and Transfer Case**
(1945).

9–266 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XI: Fuel Filter, Fuel Tank, and Fuel Pump**
(1945).

9–267 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XII: Manifold and Heat Control, Exhaust Pipe and Muffler, Coil and Wiring, Regulator Unit and Starter and Switch**
(1945).

9–268 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XIII: Front Axle, Rear Axle, Propeller Shaft, Universal Joints, Pillow Block, Slip Joints**
(1945).

9–269 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XIV: Brake System, Hand Brake, Brake Hydrovac Booster**
(1945).

9–281 **Winterization Kits for Automotive Vehicles—Part XII**
(1945).

9–285 **Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XV: Rear Brakes, Rear Brake Shoes, Front Brakes, Front Brake Shoes, Brake Pedal, Brake Master Cylinder, Brake Lines**
(1945).

FS No.

9–286 Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XVI: Wheels, Hubs, and Tires
(1945).

9–287 Truck, 2½-ton, 6 x 6, GMC, Preventive Maintenance, 1,000- and 6,000-mile—Part XVII: Body, Winch, Road Test
(1945).

9–306 Browning Automatic Rifle, Cal .30 M1918A2 (GTA 9–606)
(1955).

9–307 75-mm Recoilless Rifle, M20 (GTA 9–612)
(1955).

9–308 Mortar, 60-mm, M19 (GTA 9–624)
(1955).

9–309 Mortar, 81-mm, M29 (GTA–9–625)
(1955).

9–310 Mortar, 4.2″, M30 (GTA 9–626)
(1955).

9–311 Public Relations for Business and Professional People
(10 min—1955—Sound—Color—Distribution in CONUS only—Commercial Adaptation).

10–36 Automotive Brakes—Principles, Mechanical, Hydraulic, Air, Vacuum, Electric
(1941).

10–42 The Internal Combustion Engine
(1942).

10–57 The Carter Carburetor
(1941—Film Reference).

10–59 Sheet Metal Work—Body, Fender, and Radiator Repairs
(1941).

10–61 The Storage Battery
(1941).

10–63 Engine Tune-up—Part I
(1942).

10–64 Engine Tune-up—Part II
(1942).

10–65 Engine Tune-up—Part III
(1942).

10–82 Principles of the Down-draft Carburetor
(1942).

10–87 Principles of Front End and Wheel Alignment
(1942).

10–106 Refrigeration of Food—Part I: In the Field
(1943).

10–118 The Army Range No. 5
(1943).

10–124 Storage and Handling of Gasoline Lubricants in the Field—Part I: Gasoline
(1943).

10–126 Unloading Gasoline from Tank Cars
(1943).

10–134 Baking in the Field—Field Expedients—Part I: Adaptation of the M1937 Range for Emergency Baking
(1944).

FS No.

10–139 Individual Cooking—Part II: Cooking Meats, Fish, Fowl, Eggs, and Vegetables
(1944).

10–140 Individual Cooking—Part III: The Arctic
(1944).

10–141 Individual Cooking—Part IV: The Jungle
(1944).

10–147 Tractor Trailer Driving
(1944).

10–159 Shoe Repair—Part VI: The Patching Machine
(1944).

10–163 Outfit, Cooking, Small Detachment
(1945).

10–185 Characteristics of Army Lubricants
(1948—Sound).

11–3 Film Strip Preparation
(1942).

11–22 Maintenance of Field Wire Circuits—Part I: Prevention of Trouble
(1943).

11–23 Maintenance of Field Wire Circuits—Part II: Detection of Trouble
(1943).

11–24 Maintenance of Field Wire Circuits—Part III: Localization and Correction of Trouble
(1943).

11–30 Suppression Systems for Army Vehicles
(1943).

11–44 The Sound Reproducer MC–364
(1944—Sound).

11–50 Film Strip Projector, PH–222—Setting Up and Operating
(1944).

11–54 Plow LC–61 (Cable)
(1944).

11–58 Photographic Darkroom Procedures—Tank Development of Cut Film
(1944).

11–59 Photographic Darkroom Procedure—Part I: Loading Film Holders
(1944).

11–60 Photographic Darkroom Procedure—Part III: Contact Printing
(1944).

11–61 Photographic Darkroom Procedure—Part IV: Projection Printing
(1944).

11–64 Use of Repeating Coil C–161
(1944).

11–65 The Photographic Negative
(1944).

11–67 Telephone Central Office Set TC–12—Part I: Introduction
(1944).

11–68 Telephone Central Office Set TC–12—Part II: Installation
(1944).

11–69 Telephone Central Office Set TC–12—Part III: Operation
(1944).

11–70 Photographic Chemistry
(1944—Sound—Film Reference).

11–78 Spiral-four Cable—Part II: Expedient Splice
(1945).

FS No.

11–79 **Spiral-four Cable—Part III: Permanent Splice**
(1945).

11–83 **Fine Grain Processing**
(1944—Film Reference).

11–91 **Packaging Methods—Method IIB—Container-Barrier-Container**
(1948—Sound).

11–94 **Methods of Cleaning and Drying**
(1950—Sound).

11–98 **Military Packaging Procedures—Methods IA–3, Greaseproof, Waterproof Bag, Sealed**
(1951—Sound).

11–99 **Military Packaging Procedures—Method IIA, Floating Bag**
(1951—Sound).

11–100 **Military Packaging Procedures—Methods of Applying Preservative Coatings**
(1951—Sound).

11–101 **Field Wire Ties**
(1950).

11–106 **Framing, Composition, and Perspective**
(1951).

11–107 **Hazards of High-powered Radio Transmitters**
(1952).

11–108 **Repair of Camera PH–47–E and –F, Part I: Disassembly and Reassembly of the Bed and Back**
(1952).

11–109 **Military Portraiture and Lighting**
(1952).

11–111 **Repair of Camera PH–47–F—Part III: Disassembly and Reassembly of the Ilex Shutter**
(1952).

11–112 **Repair of Camera PH–47–E—Part IV: Disassembly and Reassembly of the Supermatic Shutter**
(1952).

11–113 **Repair of Camera PH–47–( )—Part V: Disassembly and Reassembly of the Kalart and Hugo Meyers Range Finders**
(1952).

11–114 **Repair of Camera PH–47–( )—Part VI: The Flashgun, Solenoid, and Built-in Synchronizer**
(1953).

11–115 **Identification Photography—Operation of Equipment**
(1952).

11–117 **Switchboard SB–22/PT, Installation and Operation**
(1954).

11–120 **Signal Supply: Item Identification**
(1953).

11–125 **Signal Supply: Nomenclature Systems**
(1954).

11–137 **Circuit Diagrams**
(1953).

11–142 **Wave Propagation and Antenna Theory—Part I**
(42 min—1955—Sound).

11–145 **Wave Propagation and Antenna Theory—Part II**
(30 min—1955—Sound).

FS No.

12–17 **Army Library Program**
(11 min—1954—Sound—Film Reference).

12–18 **US Army Service Clubs**
(12 min—1954—Sound—Film Reference).

12–19 **Army Crafts Program**
(13 min—1953—Sound—Film Reference).

12–101 **The Army Entertainment Program**
(11 min—1954—Sound).

16–1 **The Character Guidance Program—The Chaplain's Hour—The Nation We Serve**
(1949—Color).

16–2 **The Character Guidance Program—The Chaplain's Hour—The Need for Wholesome Thinking**
(1949—Color).

16–3 **The Character Guidance Program—The Chaplain's Hour—What Is Right**
(1949—Color).

16–4 **The Character Guidance Program—The Chaplain's Hour—The Complete Person**
(1949—Color).

16–5 **The Character Guidance Program—The Chaplain's Hour—Clean Speech**
(1949—Color).

16–6 **The Character Guidance Program—The Chaplain's Hour—Chastity**
(1949—Color).

16–7 **The Character Guidance Program—Worship in Life**
(1950—Color).

16–8 **The Character Guidance Program—Basic Morality**
(1950—Color).

16–9 **The Character Guidance Program—The Concept of Authority**
(1950—Color).

16–10 **The Character Guidance Program—Life, Reputation, and Property**
(1950—Color).

16–11 **The Character Guidance Program—Home**
(1950—Color).

16–12 **The Character Guidance Program—The Making of Character**
(1950—Color)

16–13 **The Character Guidance Program—The Shaping of Personality**
(1950—Color).

16–14 **The Character Guidance Program—The Formation of Character**
(1951—Color).

16–15 **The Character Guidance Program—Clean Living and Thinking**
(1951—Color).

16–16 **The Character Guidance Program—Self-discipline**
(1951—Color).

16–17 **The Character Guidance Program—Man Is a Moral Being**
(1951—Color).

16–18 **The Character Guidance Program—How Free Am I?**
(1951—Color).

16–19 **The Character Guidance Program—A Sense of Duty**
(1951—Color).

16–20 **The Character Guidance Program—Spirit of Sacrifice**
(1952—Color).

FS No.

16–21 **Personal Integrity**
(1952—Color).

16–22 **Ambition**
(1952—Color).

16–23 **Honor**
(1952—Color).

16–24 **The Character Guidance Program—Honesty**
(1952—Color).

16–25 **The Character Guidance Program—The Chaplain's Hour—Marks of Greatness**
(1952—Color).

16–26 **The Character Guidance Program—The Chaplain's Hour—Our Citizenship**
(1953—Color).

16–27 **The Character Guidance Program—The Chaplain's Hour—Sincerity**
(1953—Color).

16–28 **The Character Guidance Program—The Chaplain's Hour—Prejudice**
(1953—Color).

16–29 **The Character Guidance Program—The Chaplain's Hour—Thrift**
(1953—Color).

16–30 **The Character Guidance Program—The Chaplain's Hour—The Hardest Victory**
(1953—Color).

16–31 **The Character Guidance Program—The Chaplain's Hour—As You Would Be Done By**
(1954—Color).

16–32 **The Character Guidance Program—The Chaplain's Hour—What Makes a Man a Man**
(1954—Color).

16–33 **The Character Guidance Program—The Chaplain's Hour—Natural Law**
(1954—Color).

16–35 **The Character Guidance Program—The Chaplain's Hour—Humility**
(1953—Color).

16–36 **The Character Guidance Program—The Chaplain's Hour—My Right to the Truth**
(1954—Color).

16–161 **Living Right at Our Work (Sound Film Strip Kit)**
RIGHT CHOICE—How to decide what is nearest right in everyday problems of choice that often arise in our work (10 min).
RIGHT ATTITUDE—How we can direct our feelings toward others to get good personal relations on the job (10 min).
RIGHT COUNSEL—How to go about the giving of advice and how to take it from others (10 min).
RIGHT OUTLOOK—Discussion on the workday effects of the way you look at things (10 min).
RIGHT LEADERSHIP—How to get good leadership and when (10 min) (1956—Distribution to Central Film and Equipment Exchanges in CONUS and OS for use by Chaplain—Commercial Adaptation).

19–2 **Police Riot Club**
(1943—Film Reference).

19–5 **Signals for Traffic Control Manual**
(1944—Film Reference).

FS No.

19–7 **Riot Control Formations**
(1945—Film Reference).

19–9 **Fingerprinting and Fingerprint Examination**
(1953—Film Reference).

19–10 **Fingerprint Lifting**
(1954—Film Reference).

19–11 **Glass Fractures**
(14 min—1955—Sound—Film Reference).

19–12 **Casts and Molds**
(20 min—1955—Sound—Film Reference).

19–13 **Mechanical Aids to Physical Security—Part I—Perimeter Barriers and Personnel Identification**
(13 min—1955—Sound—Film Reference).

19–14 **Packaging of Evidence for Transmittal to the Military Police Criminal Investigation Laboratories**
(10 min—1956—Sound).

19–16 **Mechanical Aids to Physical Security—Part II—Protective Lighting, Communications, and Alarm System**
(13 min—1955—Sound—Film Reference).

19–21 **Submachine Gun—Firing**
(1955—Film Reference).

20–7 **Office Hazards**
(1944).

20–8 **Good Housekeeping**
(1944).

20–9 **Mechanical Handling of Materials**
(1944).

20–10 **Safe from Fire**
(1945).

20–11 **Motor Vehicle Operation**
(1944).

20–12 **When Accidents Strike**
(1944).

20–13 **Safe Use of Hand Tools**
(1945).

20–14 **Safe Use of Fork Lift**
(1945).

20–15 **Safety Pointers for the Operation of QM Laundry and Dry-cleaning Installations**
(1945).

20–16 **Safety Pointers for Post Engineer Maintenance Operations**
(1945).

20–23 **The Artillery Meteorological Message**
(1945).

20–24 **No Man's Land**
(1947—Sound—Commercial Adaptation).

20–25 **The Tragic Road to Safety**
(1948—Sound—Commercial Adaptation).

20–26 **Taking the Mystery Out of Power Factor**
(1948—Sound—Commercial Adaptation).

20–29 **Follow the Leader**
(1948—Sound—Commercial Adaptation).

FS No.

20–30 **Safety Is in Order**
(1948—Sound—Commercial Adaptation).

20–31 **Brain Beats Brawn**
(1948—Sound—Commercial Adaptation).

20–32 **Production with Safety**
(1948—Sound—Commercial Adaptation).

20–33 **Cause and Cure**
(1948—Sound—Commercial Adaptation).

20–38 **Stop, Look, and Listen**
(1948—Sound—Commercial Adaptation).

20–53 **Defensive Driving**
(1948—Sound—Commercial Adaptation).

20–54 **No Use Skidding**
(1948—Sound—Commercial Adaptation).

20–57 **Human Factors in Safety—The Secret of Supervision**
(1949—Sound—Commercial Adaptation).

20–58 **Human Factors in Safety—Teaching Safety on the Job**
(1949—Sound—Commercial Adaptation).

20–59 **Human Factors in Safety—People Are All Alike**
(1949—Sound—Commercial Adaptation).

20–60 **Human Factors in Safety—Everybody's Different**
(1949—Sound—Commercial Adaptation).

20–61 **Human Factors in Safety—Teamwork for Safety**
(1949—Sound—Commercial Adaptation).

20–62 **Human Factors in Safety—Safety Case Histories**
(1949—Sound—Commercial Adaptation).

20–93 **The Case of Alice, Jane, and Agnes**
(2 min—1952—Sound—Commercial Adaptation).

20–94 **The Case of Al Miller**
(2 min—1952—Sound—Commercial Adaptation).

20–95 **The Case of Emma Trimble**
(5 min—1952—Sound—Commercial Adaptation).

20–96 **The Case of Jerry Cooper**
(3 min—1952—Sound—Commercial Adaptation).

20–97 **The Case of Jim Halsey**
(2 min—1952—Sound—Commercial Adaptation).

20–98 **The Case of Mike and Bill**
(2 min—1952—Sound—Commercial Adaptation).

20–99 **Dissemination of Atomic Energy Information; Indoctrination—Phase I (U)**
(101 frames—1950—Limited distribution—Further distribution must be authorized by G–3—Film is classified CONFIDENTIAL).

20–100 **Dissemination of Atomic Energy Information: Indoctrination—Phase II (U)**
(100 frames—1950—Limited distribution—Further distribution must be authorized by G–3—Film is classified CONFIDENTIAL).

20–112 **Off to the Right Start**
(19 min—1952—Sound—Commercial Adaptation).

20–113 **There's a Job To Be Done**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

FS No.

20–114 **One Step at a Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–115 **Let's Face the Facts**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–116 **Do The Job Right**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–117 **The Balanced Job**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–118 **It Takes Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–119 **When Something Goes Wrong**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–120 **Let's Talk Things Over**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–121 **The Right Medicine**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–122 **A Stitch in Time**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–123 **The Man Behind the Machine**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–124 **Women on the Job**
(1953—Sound—Distribution limited to oversea commands—Commercial Adaptation).

20–144 **Man's Place in an Organization**
(22 min—1952—Sound—Distribution limited to ZI).

20–145 **Make Requests—Don't Command**
(1952—Sound—Distribution limited to ZI).

20–166 **Production Control—Part I**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).

20–167 **Production Control—Part II**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).

20–168 **Methods Analysis**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).

20–169 **Quality Control**
(Distribution limited to ZI for use only in Ordnance Training Program for Management Engineer and Engineer Analysts—1952—Commercial Adaptation).

FS No.

20–178 **The Case of Mary Benson**
(6 min—1952—Sound—Commercial Adaptation).

20–179 **A Difference of Opinion**
(2 min—1952—Sound—Commercial Adaptation).

20–180 **The Case of Independent Sadie**
(1 min—1952—Sound—Commercial Adaptation).

20–181 **The Case of Tom, Dick and Harry**
(2 min—1952—Sound—Commercial Adaptation).

20–182 **The Case of Paul Steele**
(5 min—1952—Sound—Commercial Adaptation).

20–183 **The Case of Joe and Bob**
(2 min—1952—Sound—Commercial Adaptation).

20–184 **The Case of Harry Carey**
(3 min—1952—Sound—Commercial Adaptation).

20–185 **The Case of George Gray**
(4 min—1952—Sound—Commercial Adaptation).

20–186 **The Case of Lefty Laws**
(3 min—1952—Sound—Commercial Adaptation).

20–187 **The Case of Sarah Blake**
(3 min—1952—Sound—Commercial Adaptation).

20–188 **The Case of John Beaver**
(4 min—1952—Sound—Commercial Adaptation).

20–189 **The Case of Abbie Swartz**
(5 min—1952—Sound—Commercial Adaptation).

20–190 **The Case of Tessie Teller**
(3 min—1952—Sound—Commercial Adaptation).

20–191 **The Case of Dewey Jones**
(3 min—1952—Sound—Commercial Adaptation).

20–192 **The Case of Frances Moore**
(3 min—1952—Sound—Commercial Adaptation).

20–193 **The Case of Bob Smith**
(3 min—1952—Sound—Commercial Adaptation).

20–194 **The Case of Jake Diller**
(4 min—1952—Sound—Commercial Adaptation).

20–195 **Case of the Three Calandeers**
(4 min—1952—Sound—Commercial Adaptation).

21–1 **Film Strip Use in Military Training**
(1944—Sound—Film Reference).

21–4 **Employment of the Armed Forces—Part I: The Armed Forces Team**
(1949—Sound).

21–5 **Employment of the Armed Forces—Part II: The Army Team**
(1949—Sound).

30–10 **Radio Direction Finding—Part I—Theory and Equipment**
(25 min—1956—Sound—Film Reference).

30–11 **Radio Direction Finding—Part II—Installation and Operations (U)**
(37 min—1957—Sound—Limited distribution to Army Film and Equipment Exchanges in CONUS and OS for loan to need-to-know audiences—Film is classified CONFIDENTIAL).

31–6 **Parachute Landing Falls**
(1950).

31–8 **Flight Safety**
(1951).

FS No.

38–2 **War Department Shipping Document—Part I: Preliminary Preparation**
(1944—Film Reference).

38–5 **Warehousing at War—Part III: Receiving**
(1945—Sound—Film Reference).

38–8 **Stock Control Practices—Part I: Control Levels**
(1944—Sound).

38–9 **Stock Control Practices—Part II: Stock Record Cards**
(1944—Sound—Film Reference).

38–11 **Ammunition Handling in Depots**
(1945—Sound).

38–13 **Warehousing at War—Part VI: Stacking and Unloading with Fork Lift Trucks**
(1945—Sound—Film Reference).

38–22 **Packaging and Packing, Method IIc—Cushioned-Item-Bag**
(10 min—1954—Sound).

38–23 **Packaging and Packing, Method I—Preservative Coating**
(11 min—1954—Sound).

38–24 **Packaging and Packing Method IA–8—Greaseproof, Waterproof, Water-Vaporproof Bag, Sealed**
(10 min—1954—Sound).

38–25 **Packaging and Packing—Method IB—Strippable Compound Coating**
(14 min—1954—Sound).

38–26 **Packaging and Packing—Methods of Preservation**
(16 min—1954—Sound).

38–27 **Packaging and Packing—Use of Salvaged Packaging Materials**
(20 min—1955—Sound).

38–28 **Packaging and Packing—Export Shipping Containers**
(20 min—1954).

38–29 **Packaging and Packing—Domestic Shipping Containers**
(22 min—1954).

38–33 **Packaging and Packing—Methods of Preservation (Includes 1A Methods)**
Proper protection and packaging of items in accordance with MIL–P–116 are reviewed—Basic method and submethods for accomplishing water-vaporproof protection to various items are explained—Required testing of military packages (13 min—1958—Film Reference—Sound).

44–3 **The Radio Set SCR–584—Part V: Operational Checks**
(1944).

44–4 **The Directors M9 and M10—Part IV: Tests**
(1944).

44–9 **The Radio Set SCR–584—Part IV, Section B: Orientation and Synchronization with the M9 and M10 Directors**
(1944).

44–10 **Antiaircraft Artillery Guns and Accessories—120-mm (4.7-inch) Antiaircraft Gun on the M1 Mount—Part X: Tests and Adjustments**
(1944).

44–11 **Antiaircraft Artillery Guns and Accessories—120-mm (4.7-inch) Antiaircraft Gun on the M1 Mount—Part XI: Maintenance of the Gun and Carriage**
(1944).

FS No.

44–14 Antiaircraft Artillery Fire Control and Position Findings—Part XIX: The Director M5A2
(1945—For use only in training National Guard units and foreign armies, not for training active Army).

44–18 Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm AA Gun on M1A1 Mount—Section A: The Bogie and Pedestal
(1945).

44–19 Antiaircraft Artillery Guns and Accessories—Part XII, Section A: Basic Mechanisms
(1945).

44–20 Antiaircraft Artillery Guns and Accessories—Part XII, Section B: Basic Mechanisms
(1945).

44–21 Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm AA Gun on M1A1 Mount—Section B: Leveling Mechanism, Top Carriage Cradle
(1945).

44–22 Antiaircraft Artillery Guns and Accessories—Part II: The 90-mm AA Gun on M1A1 Mount—Section C: The Gun Assembly
(1945).

44–26 Russian Aircraft
(1952—From British Film Strip FS87).

55–4 Documentation of Freight—Part III: The Bill of Lading
(8 min—1952—Sound).

55–6 Stowing of General Cargo
(10 min—1953—Sound).

55–10 Making the March Graph
(15 min—1953—Sound).

55–11 Operation of Truck Terminals
(11 min—1955—Sound).

55–14 The Lead Line, Fathometer
(1952—From Coast Guard Film Strip SG 1689).

55–15 Methods of Governing Motor March Columns—Maintenance of Safe Intervehicular Gap
(11 min—1955—Sound).

55–18 Rail Right-of-Way Maintenance and Repair—Elements of Maintenance
(20 min—1954).

55–21 Movement Control in a Theater of Operations
(16 min—1956—Sound—Film Reference).

55–24 Man Overboard Emergency Drill
(1955—Sound—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Navy Film SN 370).

55–26 Piloting—Instruments Used in Piloting
(1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film SG 3883A).

55–27 Piloting—The Magnetic Compass
(1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film SG3883B).

FS No.

55–28 Piloting—Radio Direction Finder
(1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film SG 3883E).

55–29 Piloting—The Azimuth Circle and Pelorus
(1955—Distribution to central film and equipment exchanges in CONUS and Transportation Command—From Coast Guard Film SG 3883K).

55–30 Aircraft Carburetors
(1956—Color—Distribution to Central Film and Equipment Exchanges in CONUS—From Air Force Film FS 1–169).

55–31 Ignition Systems: Magnetos—Part II—Breaker Systems, Distributor Systems
(1955—Distribution in CONUS only—From Air Force Film Strip FS 1–205).

55–32 Ignition Timing: The R–2800 Engine
(1955—Distribution in CONUS only—From Air Force Film Strip FS 1–305).

55–33 Wright R–1820–65 and 97 Engine—Ignition Timing and Wiring
(1955—Distribution in CONUS only—From Air Force Film Strip FS 1–761).

55–34 Ignition Systems: Spark Plugs and Ignition Harness
(1955—Distribution in CONUS only—From Air Force Film Strip FS 1–161).

61–10 Position Classification
(14 min—1952—Sound—Color—From Air Force Film Strip FS 1–2817).

61–13 Freedom of Opportunity
(1953—Sound—Commercial Adaptation).

61–14 Individual Output
(1953—Sound—Commercial Adaptation).

61–15 Getting Ideas Across
(1953—Sound—Commercial Adaptation).

61–16 Effective Management
(1953—Sound—Commercial Adaptation).

61–17 When You've Got a Problem
(1953—Sound—Commercial Adaptation).

61–18 The Will To Produce
(1953—Sound—Commercial Adaptation).

61–19 Understanding People
(1953—Sound—Commercial Adaptation).

61–20 Individual Adjustment
(1953—Sound—Commercial Adaptation).

61–21 Getting Results Through People
(1953—Commercial Adaptation).

61–23 Understanding Employee Viewpoint
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

61–24 Error Correction Talk
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

FS No.

61–25 Motivating the Long Service Employee
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

61–26 Orientation and Induction
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

61–27 Combating Job Monotony
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

61–28 Excessive Supervision
(24 min—1955—Sound—Distribution in CONUS only—Commercial Adaptation).

61–29 A Partnership in Progress
Explains purpose and features of the Federal Incentive Awards Program—How it benefits the supervisor, worker, management, and taxpayer—Plan is outlined—How it can assist other management programs (30 min—1958—Color—Sound—Commercial Adaptation).

80–2 On-the-job Supervision—Part I: The Cost of an Error
(1944—Sound).

80–3 On-the-job Supervision—Part II: Spotting Immediate Training Needs
(1944—Sound).

80–4 On-the-job Supervision—Part III: The Job Breakdown
(1944—Sound).

80–5 On-the-job Supervision—Part IV: The Four Steps
(1944—Sound).

80–7 On-the-job Supervision—Kinda Give It Your Personal Attention
(1944—Sound).

80–8 Stop, Look, and Question
(1945—Sound).

80–16 Foundations for Good Job Relations
(1945—Sound).

80–19 Effective Deputization
(1948—Sound—Commercial Adaptation).

63. Slide Kits

The slide kit (SK) was introduced to assist in the training of antiaircraft personnel in the recognition of aircraft.

SK Device

5–QQ–8 Aircraft Recognition
Views of aircraft of US, United Kingdom, Soviet Union, and certain other nations—For the training of antiaircraft personnel in aircraft recognition (1953—Approximately 1,000—2″ x 2″ slides mounted on cardboard, with illustrated index, and carrying case—Supplementary Kit No. 1 consists of 113 2″ x 2″ slides in cardboard mounts—1954—Supplementary Kit No. 2 consists of 257 2″ x 2″ slides in cardboard mounts—1955—Supplementary Kit No. 3 consists of 133 2″ x 2″ slides in cardboard mounts—1956).

64. Phono-recordings

DA record No.	*Title*	*Speed (rpm)*	*Size*
	ALBUM OF RECORDS (With Pamphlet) SPEECH AND SOUND—A PROFESSIONAL COURSE IN PUBLIC SPEAKING		
1	Lesson I	78	12″
	Side I: **Expression**		
	Side II: **Voice Placement**		
2	Lesson II	78	12″
	Side I: **Informative Talks**		
	Side II: **Practice Side**		
3	Lesson III	78	12″
	Side I: **Descriptive Talks**		
	Side II: **Practice Side**		
4	Lesson IV	78	12″
	Side I: **Conference Talk**		
	Side II: **Practice Side**		
5	Lesson V	78	12″
	Side I: **Controversial Side**		
	Side II: **Practice Side**		
6	Lesson VI	78	12″
	Side I: **Story Telling**		
	Side II: **Practice Side**		
	Bugle Calls (Set of 2 Records)		
R–1	Side 1: **First Call** **Reveille** **Assembly** **Mess Call** **Sick Call** **Drill Call**	78	12″
	Side 2: **Retreat** **To the Color** **Tattoo** **Call to Quarters** **Taps**		

DA record No.	*Title*	*Speed (rpm)*	*Size*
R–2	Side 1:	78	12″
	Attention		
	Church Call		
	Fatigue		
	Fire Call		
	1st Sgt. Call		
	Guard Mounting		
	Side 2:		
	Mail Call		
	Officers Call		
	Pay Day		
	Recall		
	School Call		
	Battlenoise Records		
	(Set of 3 Records)		
R–3	Side 1:	78	12″
	Airplane		
	Antitank		
	Rifle		
	Machine Gun Tanks		
	Side 2:		
	Airplane		
	Bombs		
	Machine Guns		
R–4	Side 1:	78	12″
	Airplane		
	Bombs		
	Ricochets		
	Machine Guns		
	Side 2:		
	Artillery Barrage		
R–5	Side 1:	78	12″
	Artillery Barrage		
	Airplane		
	Antitank		
	Rifle		
	Machine Gun		
	Tanks		
	Side 2:		
	Machine Gun Bursts and Continuous Close		
R–6	***Army Radio Code Aptitude Tests***	78	12″
	(Set of 4 Records)		
	March Music Recordings		
	(Set of 3 Records)		

DA record No.	*Title*	*Speed (rpm)*	*Size*
R–7	Side 1:	33⅓	16″
	Invercargill		
	Official West Point March		
	March Medley		
	The Stars & Stripes Forever		
	Side 2:		
	The Washington Post March		
	Colonel Bogey		
	Bombasto		
	On the Square		
	Chicago Tribune		
	The Thunderer		
R–8	Side 1:	33⅓	16″
	Our Director		
	The Chimes of Liberty		
	Garde du Corps		
	La Regiment de Sambre et Meuse		
	Lights Out		
	The Boys of the Old Brigade		
	Side 2:		
	Barnum & Bailey's Royal Pageant March		
	Old Comrades		
	The Black Horse Troop		
	The Southerner		
	The Fight is On		
	Them Basses		
R–9	***The Star Spangled Banner*** (1 Side Only)	33⅓	12″
	National Anthems (Set of 5 Records)		
R–10	Side 1:	78	12″
	Argentina		
	Bolivia		
	Side 2:		
	Brazil		
	Canada		
R–11	Side 1:	78	12″
	Chile		
	Colombia-Costa Rica		
	Side 2:		
	Cuba-Ecuador		
	Great Britain		
R–12	Side 1:	78	12″
	Guatemala		
	Haiti		
	Honduras		
	Side 2:		
	Mexico, Nicaragua		
	Panama		

DA record No.	*Title*	*Speed (rpm)*	*Size*
R–13	Side 1:	78	12″
	Paraguay, Peru		
	Side 2:		
	San Domingo, San Salvador		
R–14	Side 1:	78	12″
	U.S.A., Venezuela		
	Side 2:		
	Uruguay		
	Jamming Signals	33⅓	12″
	(2 Records)		
R–15	Side 1:		
	Jamming Signals—Stepped Tones		
	Side 2:		
	Jamming Signals—Random Keying		
	Side 3:		
	Jamming Signals—Noise		
	Side 4:		
	Combination of: Stepped Tones Random Keying Noise		
R–16	***Individual CBR Test—1954***	33⅓	16″
	(2 double sided records) (Distribution to Central Film and Equipment Exchanges in CONUS).		

SECTION IV

ALPHABETICAL INDEX OF FILM TITLES

65. General

a. Use this index only when the exact title of a film is known. Motion pictures and film strips are listed in this section alphabetically by titles. In this index the words, "A," "An," and "The," are not used as the first word of any title. For example, the title "The Army Engineer" is indexed under "Army Engineer." When the first word in a title is a number, it is indexed alphabetically as if the number were spelled out. For example, the title "90-mm Antiaircraft Gun—Part I," is listed under "N," as though the number were spelled "Ninety-mm."

b. The following types of films have been omitted from this section since they have no specific titles:

Combat Bulletins
Staff Film Reports

Information on the above types of film is contained in the numerical index (section III) and the category index (section II).

c. Armed Forces Screen Magazines with no specific titles have been omitted from this section. Information on this type of film is contained in the numerical index (section III) and the category index (section II).

d. When the number of the film is obtained from this index, consult the numerical index for detailed information.

e. Use the category index to locate films for training and information programs.

66. Alphabetical Index of Motion Pictures

Release No.	*Title*	*For synopsis see page No.*
MF 20-8127	**Able Day Hi-Speed Story (U)** (Limited distribution—Further distribution must be authorized by USCONARC—Film is classified SECRET.)	262
MF 20-8125	**A-Bomb at Sea (U)** (Limited distribution—Further distribution must be must be authorized by USCONARC—Film is classified SECRET—RESTRICTED DATA.)	262
TF 21-1244	**Abandon Ship**	404

Release No.	*Title*	*For synopsis see page No.*
PMF 5002	Abdominal Colostomy Closure—Pauchet Method	302
FB 9–238	Aberdeen Proving Ground	219
PMF 5037	Abnormal Involuntary Movements	303
AFIF 41	About Rumors	190
TF 19–1482	Absence Without Leave and Desertion	398
MF 21–8424	Accent on Learning	269
MF 40–1128	Action at Anguar	278
TF 17–1990	Actions of the Individual Tank	395
OF 54	Active Peacetime Service	301
MF 5–7646	Adding or Removing Refrigerant	228
MF 5–7649	Adjusting and Checking the Expansion Valve	229
MF 5–7653	Adjusting and Repairing the Thermo Expansion Valve	229
MF 5–7654	Adjusting Pressure-actuated Temperature Control Devices.	229
TF 17–2384	Adjustment of the Caliber .30 Machine Gun Solenoid	396
MF 45–8288	Adjustment to Military Life	281
HR A–8	Admiralty Islands	226
TF 46–2210	Advanced Helicopter Flight Principles—Part I	422
TF 46–2211	Advanced Helicopter Flight Principles—Part II	422
TF 46–2421	Advanced Helicopter Flight Training—Part I—Confined Area Operations.	423
TF 46–2422	Advanced Helicopter Flight Training—Part II—Emergencies and Critical Conditions.	423
MF 8–8212	Aeromedical Evacuation	232
AIF 3	African Heritage	213
TF 30–1543	Aggressor Force, The	409
MF 55–8052	Aids to Navigation—How to Use Navigational Aids	285
MF 20–8784	Aim for Safety (Hunting Safety)	267
TF 9–2064	Air-Brakes—Principles of Operation	371
TF 5–698	Air Compressor and Air Tools—Part V: The Pneumatic Wood Borer.	331
TF 5–955	Air Compressor and Air Tools—Part VI: The Pneumatic Circular Saw.	331
TF 5–956	Air Compressor and Air Tools—Part VII: The Pneumatic Chain Saw.	331
TF 5–699	Air Compressor and Air Tools—Part VIII: The Pneumatic Nail Driver.	331
TF 5–697	Air Compressor and Air Tools—The Pneumatic Clay Digger.	331
TF 5–571	Air Compressor and Air Tools—The Pneumatic Rock Drill M75.	331
MF 8–1044	Air Operation, Lae and Salamaua	231
MF 40–1336	Air Siege	278
TF 19–1748	Airborne Military Policeman, The	400
TF 31–2126	Airborne Soldier, The	411
MF 55–8577	Aircraft Engines—Part 3—Carburetion	293
MF 20–7986	Aircraft Recognition—Soviet Jet Aircraft	261
FB 5–196	Airfield Construction and Repair in the CBI	212
AFIF 59	Alaska	191
MF 5–959	Alaska Highway	228
MF 61–8413	All I Need is a Conference	297
MF 20–8714	All Present or Accounted For (Re-Enlistment)	266

Release No.	*Title*	*For synopsis see page No.*
MF 20–8420	All Star Team (Recruiting)	264
MF 45–7925	Alliance for Peace	281
FB 19–157	Allied Military Government in Italy	220
TF 5–2105	Aluminum Floating Footbridge	336
MF 20–1300	America the Beautiful	258
OF 53	American Anniversary	301
WA 7	American Economy, The	429
HR B–30	American First Army—Aachen to the Roer River	227
HR B–29	American Ninth Army—Aachen to the Roer River	227
TF 9–2120	Ammunition—Storage and Handling	371
TF 3–1859	Ammunition Supply Point (ASP) Operation	368
MF 60–8246	Amphibious Instruction—Tank and Armored Amphibians (landing force) (U). (Film is classified CONFIDENTIAL.)	293
MF 55–8457	Amphibious Ships, Crafts, and Vehicles	286
MF 55–8455	Amphibious Warfare—Handling the landing Craft	286
MF 60–7738	Amphibious Warfare Instruction—Air Operations (U) (Film is classified CONFIDENTIAL.)	293
MF 60–7740	Amphibious Warfare Instruction—Communications (U) (Film is classified CONFIDENTIAL.)	293
MF 60–7741	Amphibious Warfare Instruction—Logistics (U) (Film is classified CONFIDENTIAL.)	293
MF 60–7735	Amphibious Warfare Instruction—Mine Warfare and Underwater Demolition Team Operations (U). (Film is classified CONFIDENTIAL.)	293
MF 60–7736	Amphibious Warfare Instruction—Naval Gunfire Support—Part I (U). (Film is classified CONFIDENTIAL.)	293
MF 60–7737	Amphibious Warfare Instruction—Naval Gunfire Support—Part II (U). (Film is classified CONFIDENTIAL.)	293
MF 60–7732	Amphibious Warfare Instruction—Organization and Concept (U). (Film is classified CONFIDENTIAL.)	293
MF 60–7733	Amphibious Warfare Instruction—Planning and Intelligence (U). (Film is classified CONFIDENTIAL.)	293
Misc 60–7739	Amphibious Warfare Instruction—Ship to Shore Movement (U). (Film is classified CONFIDENTIAL.)	293
MF 60–7734	Amphibious Warfare Instruction—Training and Movement to the Objective (U). (Film is classified CONFIDENTIAL.)	293
MF 55–8459	Amphibious Warfare, The LCM (3) Operation	287
MF 55–8458	Amphibious Warfare, The LCVP—Part II—Boat Handling.	287
MF 16–7557	". . . And Forbid Them Not"	246
MF 20–7855	And Then There Were Four	260
PMF 5322	Animals for Research	314
MF 61–1165	Another Snowball Conference	294
PFM 5063	Anterior Acrylic Bridgework	304
TF 9–1843	Antiaircraft Artillery Fire Control Problem	368

Release No.	*Title*	*For synopsis see page No.*
TF 9–2122	Antiaircraft Artillery Fire Control Systems—Part I—Introduction to Antiaircraft Fire Control Systems.	371
TF 9–2123	Antiaircraft Artillery Fire Control Systems—Part II—The Skysweeper—Integrated Fire Control System T–38.	372
TF 9–1846	Antiaircraft Artillery Fire Control Systems—Part III: The M9 Type Director with SCR 584 Radar Set.	368
TF 9–2199	Antiaircraft Artillery Fire Control Systems—Part IV—The Integrated Fire Control System M33.	372
MF 11–8378	AA Defense System AN/GSG–2 (U) (Film is classified SECRET.)	243
TF 44–2546	AAFCS M33 Defense Against Electronic Countermeasures (U). (Film is classified CONFIDENTIAL—Modified Handling Authorized.)	421
TF 44–1886	Antiaircraft Fire Control System M33: Fire Missions	415
TF 44–1887	Antiaircraft Fire Control System M33: Orientation and Synchronization.	415
TF 44–1888	Antiaircraft Fire Control System M33: Start and Stop Procedure.	416
MF 3–8937	Antipersonnel Biological Warfare (U) (U.S. Army Chemical Corps Technical Film Report No. 52) (Film is classified SECRET.)	228
TF 11–1779	AN/TRC—The Radio Relay Systems of Communications	384
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TF 19–2287	Apprehension and Search of Persons	402
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MF 20–8749	Approach to Land–ILS	266
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MF 20–7725	Arctic Indoctrination School—Winter 1950	260
RTAF 148	Arctic Rampart	199
MF 16–8600	Are You Ready For Service—Getting Ready Morally	250
MF 16–8601	Are You Ready For Service—Military Life and You	250
MF 16–8599	Are You Ready For Service—What It's All About	250
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AFIF 50	Armed Forces Forum—George F. Kennan Discusses Communism.	190
AFIF 9	Armed Forces of the USA	187
TF 30–1958	Armies of the World—Part II—Soviet Army—Assault on Fortifications.	411
TF 30–1957	Armies of the World—Part II—Soviet Army—Winter Warfare.	410
TF 30–1936	Armies of the World—Part II—The Soviet Army in the Defense.	410
TF 30–1966	Armies of the World—Part II—The Soviet Soldier	411
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MF 30–8616	Armies of the World—Soviet Partisan Warfare	273
MF 30–8432	Armies of the World—Soviet Partners in the Orient	273
MF 30–8427	Armies of the World—The Soviet Army—Armor	273
MF 30–8423	Armies of the World—The Soviet Army—Artillery	273

Release No.	*Title*	*For synopsis see page No.*
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MF 30–8408	Armies of the World—The Soviet Army—Reconnaissance.	272
MF 30–8401	Armies of the World—The Soviet Army—River Crossings	272
MF 30–8633	Armies of the World—The Soviet Army—Summer Training Cycle.	273
MF 30–8409	Armies of the World—The Soviet Army—Use of Smoke	272
TF 17–2504	Armor Combat Power	397
TF 17–2587	Armor Team Security	398
FB 46–260	Army Aviation—Part I—Introduction	222
FB 46–261	Army Aviation—Part II—Selection and Occupation of Small Units Airstrips.	222
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TF 10–1134	The Army Cook—Part II: Cutting a Hindquarter of Beef.	377
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RD 1	Army Research and Development—R&D Film Report No. 1 (U). (This film is classified SECRET.)	314
RD 2	Army Research and Development—R&D Film Report, No. 2 (U). (This film is classified SECRET.)	314
RD 3	Army Research and Development—Film Report No. 3 (U). (This film is classified SECRET.)	314
RD 4	Army Research and Development—Film Report No. 4 (U). (Film is classified SECRET.)	314
RD 5	Army Research and Development—Film Report No. 5—Army Research in Greenland (U). (This film is classified CONFIDENTIAL.)	314
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PMF 5094	Arteriovenous Fistula (Posterior Tibial Vessels)	306
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TF 6–1678	Artillery Orientation by Sun and Star—Part I: The Altitude Method.	343
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TF 5–1242	Assault Boat River Crossing	333
TF 31–1926	Assembly of an Airborne Unit	411
TF 31–2127	Assembly Problem after 5th Novice Jump	412
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TF 55–2343	Assisting the Diver	426
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PMF 5143	Atomic Medical Cases—Japan—WW II	308
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MF 20–8508	Atomic Tests—1952–1953 (U) (Film is classified SECRET—RESTRICTED DATA.)	264
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TF 9–1559	Automotive Electricity for Military Vehicles—Part V: Principles of Operation of the Generator Regulator.	367
TF 9–1531	Automotive Electricity for Military Vehicles—Part VI: Principles of Operation of the Automotive Magneto.	367
TF 9–1282	Automotive Gears—Principles of Operation	364
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TF 55–2559	Automotive Preventive Maintenance, During the Operation and at the Halt.	427
TF 9–1269	Automotive Transmission—Principles of Operation	364
TF 10–291	Automotive Trouble Shooting—Part I: Functions of the Fuel and Ignition Units.	376
TF 9–2194	Automotive Trouble Shooting—Part II—Engine Tuneup	372
TF 9–2380	Automotive Trouble Shooting—Part III—The Fuel System.	374
TF 9–2193	Automotive Trouble Shooting—Part IV—Sealed Electrical Systems.	372
TF 10–395	Automotive Trouble Shooting—Part V: The Fuel System at Various Speeds.	376
TF 10–396	Automotive Trouble Shooting—Part VI: The Ignition System at Various Speeds.	376
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TF 10–980	Automotive Trouble Shooting—Part XIc—Section II: Chevrolet 4x4 and GMC 6x6 Steering System Adjustments.	377
TF 10–638	Automotive Trouble Shooting—Part XIV: Front End Alignment.	376
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FB 5–185	The Bailey Bridge in Combat	215
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TF 8–2478	Basic Care of Patients—Part VIII—Preoperative Care	361

Release No.	*Title*	*For synopsis see page No.*
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TF 5–1791	Basic Map Reading—Part III: Direction, Orientation, and Location with Compass.	334
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TF 7–2395	Basic Military Skiig—Part I—Selection and Care of Equipment.	352
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MF 10–7941	Battlefield Evacuation of Deceased Personnel	239
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By Order of *Wilber M. Brucker*, Secretary of the Army:

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